

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092356.D
 Acq On : 18 Jan 2017 17:35
 Operator : UM/SJ
 Sample : I1260-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Quant Time: Jan 19 02:49:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	143702	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	599991	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	401597	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	607544	20.00	ng	0.00
75) Chrysene-d12	13.69	240	342836	20.00	ng	-0.01
86) Perylene-d12	15.03	264	357320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1379214	160.26	ng	0.02
7) Phenol-d6	6.22	99	1570991	149.51	ng	0.00
23) Nitrobenzene-d5	7.12	82	1185586	109.88	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	442947	133.28	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2176924	115.73	ng	0.00
78) Terphenyl-d14	12.65	244	1883438	133.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	224750	53.04	ng	# 85
3) Pyridine	2.72	79	451226m	30.51	ng	
4) n-Nitrosodimethylamine	2.64	42	258747	46.39	ng	99
6) Aniline	6.22	93	125541	9.20	ng	# 26
8) 2-Chlorophenol	6.34	128	505186	51.60	ng	99
9) Benzaldehyde	6.11	77	24514	2.90	ng	97
10) Phenol	6.23	94	589873	49.26	ng	# 69
11) bis(2-Chloroethyl)ether	6.29	93	500163	52.50	ng	97
12) 1,3-Dichlorobenzene	6.48	146	534085	51.10	ng	97
13) 1,4-Dichlorobenzene	6.56	146	533569	50.16	ng	95
14) 1,2-Dichlorobenzene	6.71	146	473114	51.26	ng	99
15) Benzyl Alcohol	6.71	79	440845	54.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	721153	50.83	ng	# 34
17) 2-Methylphenol	6.84	107	417976	53.09	ng	# 88
18) Hexachloroethane	7.06	117	216665	54.94	ng	91
19) n-Nitroso-di-n-propylamine	6.99	70	409165	58.53	ng	# 85
20) 3+4-Methylphenols	7.00	107	585474	62.35	ng	# 71
22) Acetophenone	6.96	105	781574	52.81	ng	# 94
24) Nitrobenzene	7.14	77	563847	49.06	ng	99
25) Isophorone	7.39	82	1141343	57.33	ng	99
26) 2-Nitrophenol	7.46	139	293349	51.76	ng	98
27) 2,4-Dimethylphenol	7.51	122	460849	49.03	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	729788	60.45	ng	99
29) 2,4-Dichlorophenol	7.72	162	414648	52.09	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	419565	48.10	ng	96
31) Naphthalene	7.86	128	1521600	55.41	ng	99
32) Benzoic acid	7.70	122	293722	42.13	ng	99
33) 4-Chloroaniline	7.92	127	79721	6.44	ng	97
34) Hexachlorobutadiene	7.97	225	233385	50.69	ng	99
35) Caprolactam	8.30	113	114602m	43.81	ng	
36) 4-Chloro-3-methylphenol	8.43	107	454602	49.63	ng	98
37) 2-Methylnaphthalene	8.54	142	1067606	Below	Cal	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	428835	42.26	ng	99
40) Hexachlorocyclopentadiene	8.70	237	301968	67.48	ng	96

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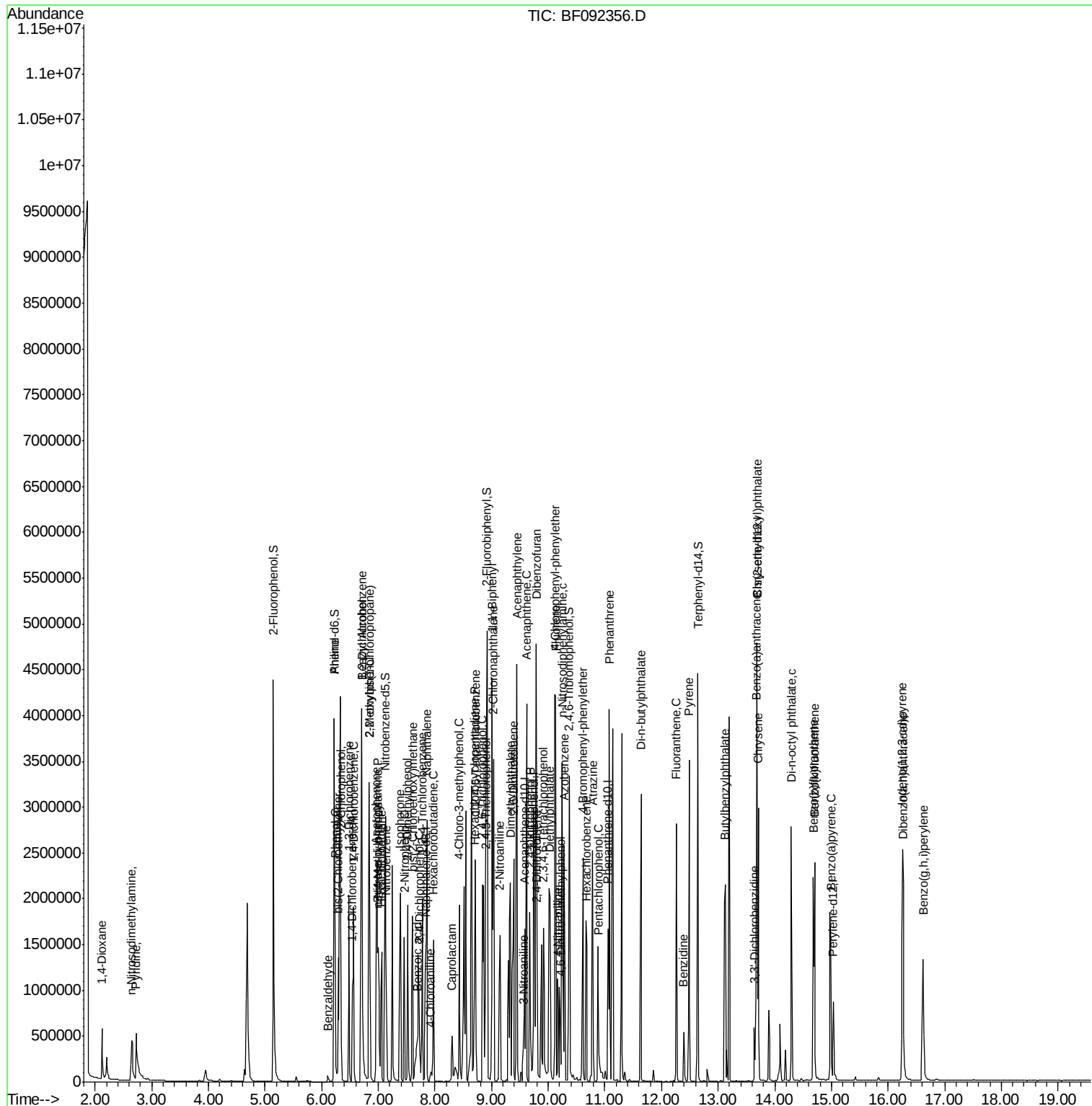
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	287551	40.52	ng	98
43) 2,4,5-Trichlorophenol	8.90	196	272043	37.25	ng	# 85
45) 1,1'-Biphenyl	9.01	154	1395633	50.75	ng	97
46) 2-Chloronaphthalene	9.03	162	1091671	50.13	ng	97
47) 2-Nitroaniline	9.15	65	350765	45.24	ng	# 62
48) Acenaphthylene	9.44	152	1687397	50.38	ng	99
49) Dimethylphthalate	9.33	163	1346351	52.42	ng	100
50) 2,6-Dinitrotoluene	9.39	165	282048	50.17	ng	# 83
51) Acenaphthene	9.62	154	1103629	48.61	ng	99
52) 3-Nitroaniline	9.56	138	73346	10.54	ng	83
53) 2,4-Dinitrophenol	9.67	184	318065	101.68	ng	# 74
54) Dibenzofuran	9.79	168	1478939	48.23	ng	98
55) 4-Nitrophenol	9.75	139	292946m	62.01	ng	
56) 2,4-Dinitrotoluene	9.80	165	377323	53.47	ng	# 67
57) Fluorene	10.13	166	1158811	51.95	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	285650	49.46	ng	94
59) Diethylphthalate	10.03	149	1248157	50.04	ng	94
60) 4-Chlorophenyl-phenylether	10.12	204	474023	48.53	ng	100
61) 4-Nitroaniline	10.18	138	303612	42.11	ng	# 78
62) Azobenzene	10.28	77	1367683	49.80	ng	97
64) 4,6-Dinitro-2-methylphenol	10.21	198	197862	53.86	ng	95
65) n-Nitrosodiphenylamine	10.24	169	973198	53.98	ng	98
66) 4-Bromophenyl-phenylether	10.61	248	347651	55.01	ng	# 88
67) Hexachlorobenzene	10.68	284	353042	52.26	ng	# 87
68) Atrazine	10.78	200	281097	48.34	ng	99
69) Pentachlorophenol	10.88	266	294205	88.76	ng	99
70) Phenanthrene	11.08	178	1536755	46.65	ng	99
71) Anthracene	11.14	178	1806266	Below	Cal	99
72) Carbazole	11.30	167	1484498	Below	Cal	99
73) Di-n-butylphthalate	11.64	149	2040763	67.42	ng	# 97
74) Fluoranthene	12.26	202	1573622	55.32	ng	98
76) Benzidine	12.39	184	230597	23.16	ng	97
77) Pyrene	12.49	202	1445983	57.49	ng	99
79) Butylbenzylphthalate	13.13	149	765710	66.93	ng	# 76
80) Benzo(a)anthracene	13.67	228	1164072	60.15	ng	100
81) 3,3'-Dichlorobenzidine	13.64	252	140745	19.18	ng	98
82) Chrysene	13.71	228	953201	49.10	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	935200	69.41	ng	98
84) Di-n-octyl phthalate	14.29	149	1537336	61.60	ng	98
85) Indeno(1,2,3-cd)pyrene	16.26	276	1246887	74.15	ng	99
87) Benzo(b)fluoranthene	14.68	252	1289312m	57.96	ng	
88) Benzo(k)fluoranthene	14.70	252	813135m	42.86	ng	
89) Benzo(a)pyrene	14.99	252	1031826	52.26	ng	# 96
90) Dibenzo(a,h)anthracene	16.27	278	1016913	62.66	ng	# 95
91) Benzo(g,h,i)perylene	16.62	276	1127976	66.84	ng	98

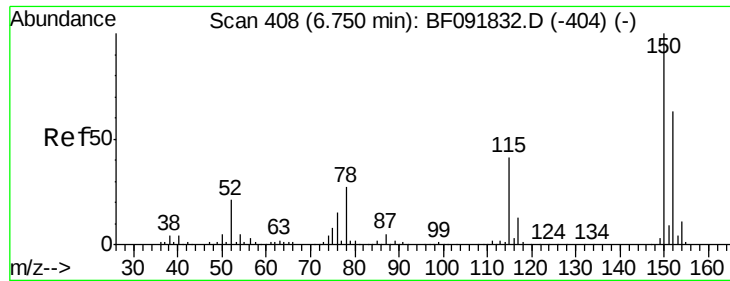
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

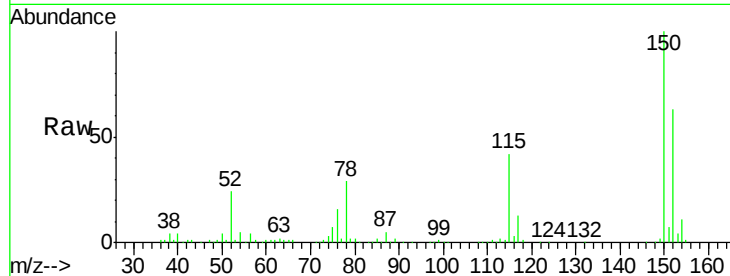
Tgt Ion:152 Resp: 143702

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

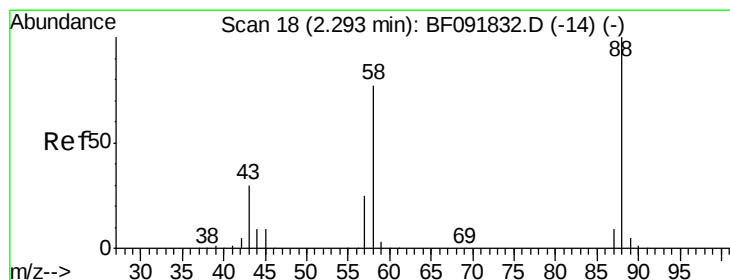
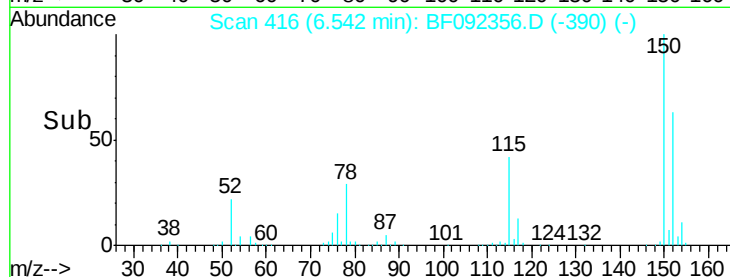
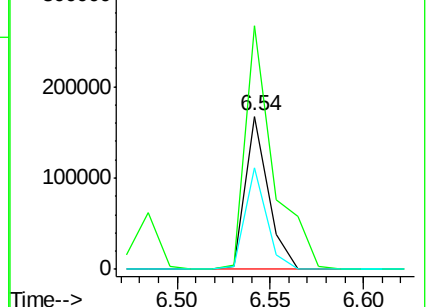
115 66.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 53.04 ng

RT: 2.12 min Scan# 29

Delta R.T. 0.18 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

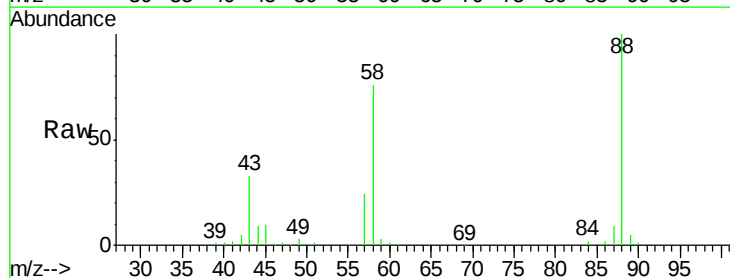
Tgt Ion: 88 Resp: 224750

Ion Ratio Lower Upper

88 100

58 72.6 57.8 86.8

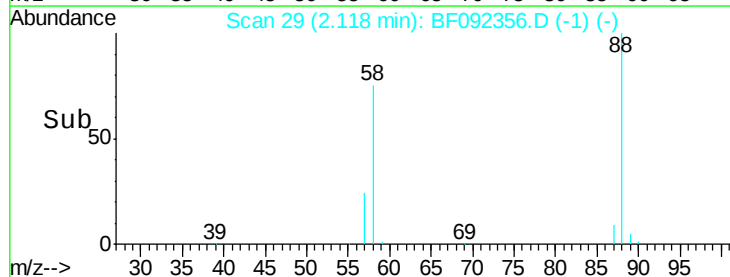
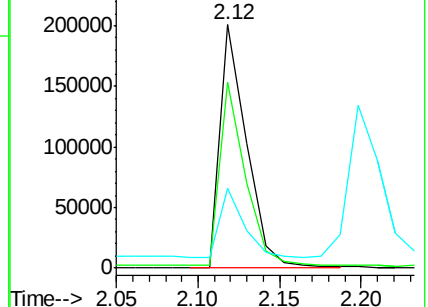
43 0.0 22.3 33.5#

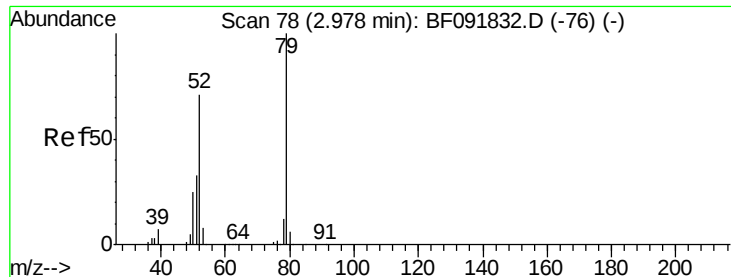


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.51 ng m

RT: 2.72 min Scan# 82

Delta R.T. 0.17 min

Lab File: BF092356.D

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ClientSampleId :

MH-0-12FT-COMPMS

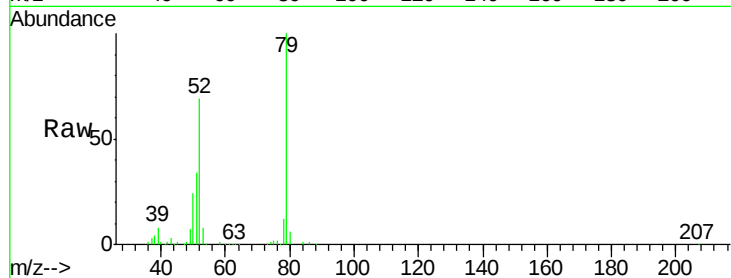
Tgt Ion: 79 Resp: 451226

Ion Ratio Lower Upper

79 100

52 69.3 57.1 85.7

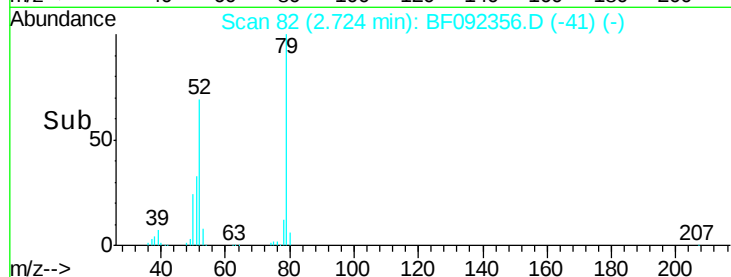
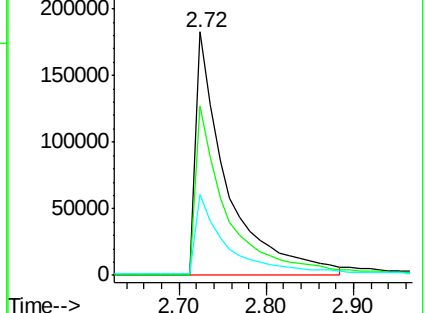
51 33.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.39 ng

RT: 2.64 min Scan# 75

Delta R.T. 0.11 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

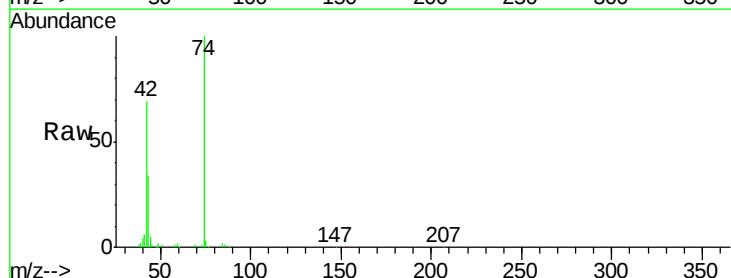
Tgt Ion: 42 Resp: 258747

Ion Ratio Lower Upper

42 100

74 145.2 117.0 175.4

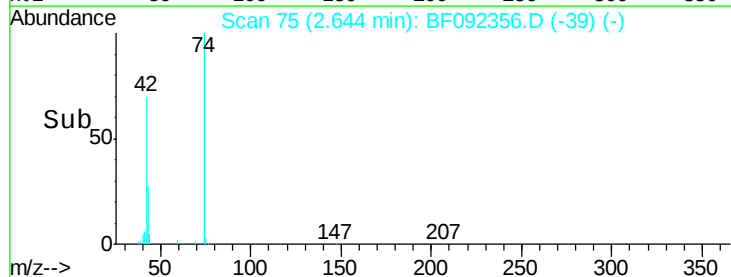
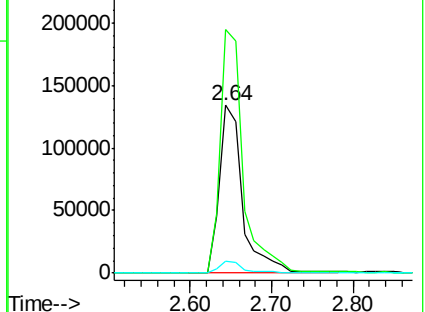
44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 160.26 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

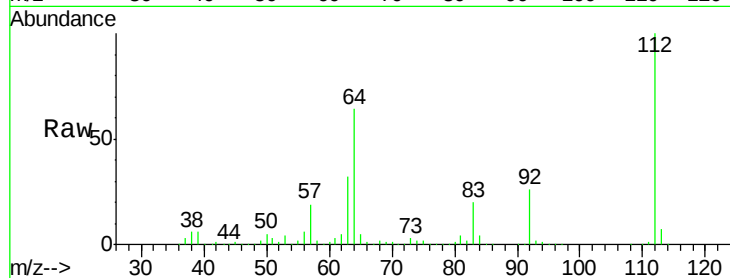
Tgt Ion: 112 Resp: 1379214

Ion Ratio Lower Upper

112 100

64 63.6 46.1 69.1

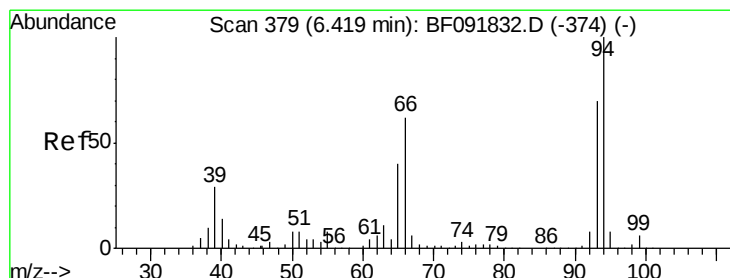
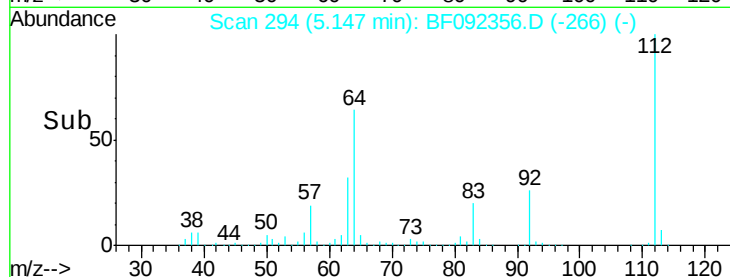
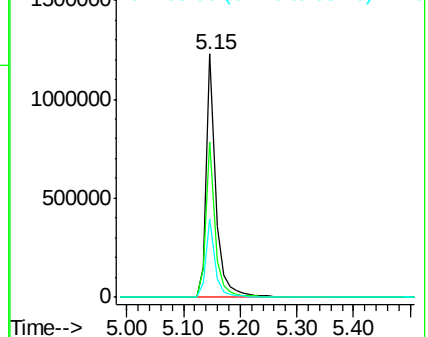
63 32.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.20 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

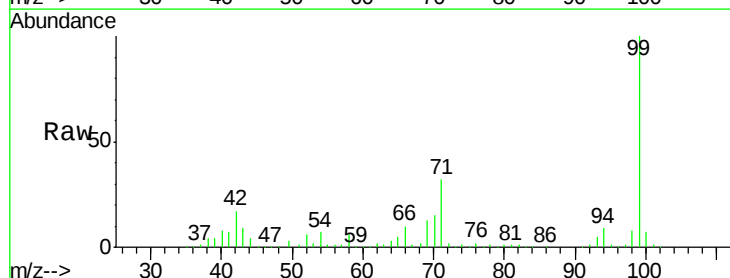
Tgt Ion: 93 Resp: 125541

Ion Ratio Lower Upper

93 100

66 192.0 76.2 114.2#

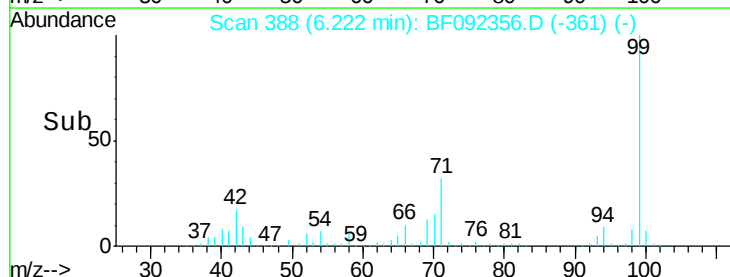
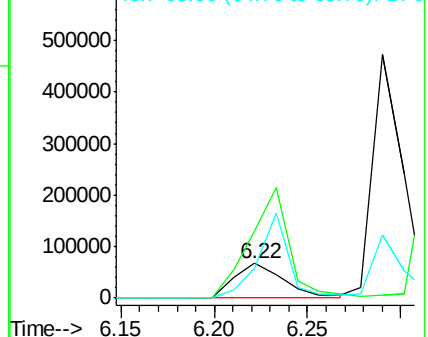
65 87.6 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.51 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

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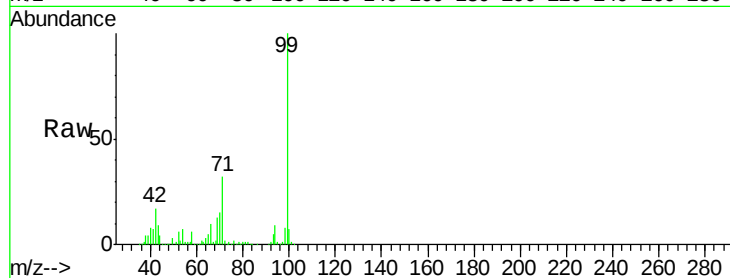
Tgt Ion: 99 Resp: 1570991

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

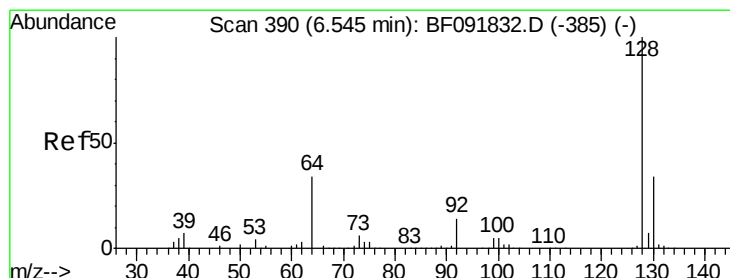
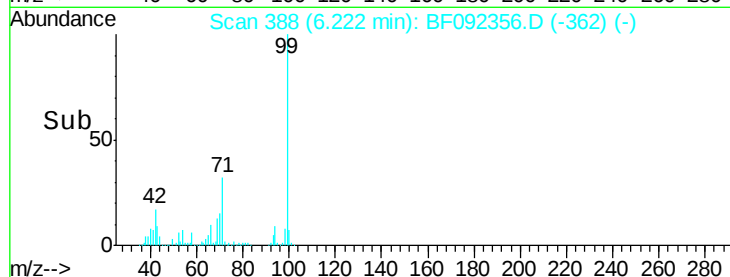
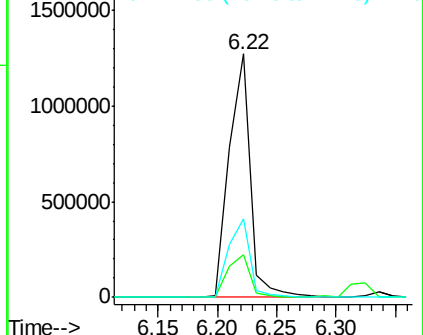
71 32.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.60 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

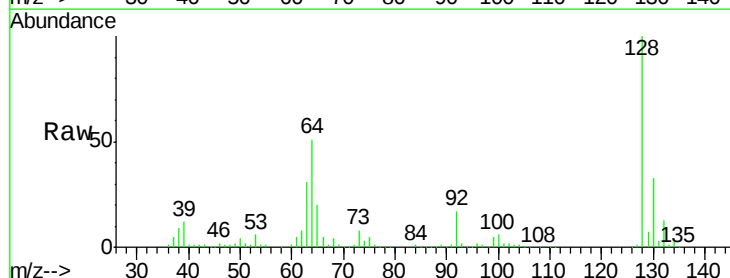
Tgt Ion: 128 Resp: 505186

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

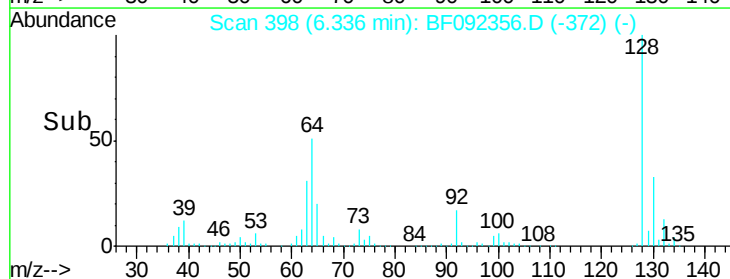
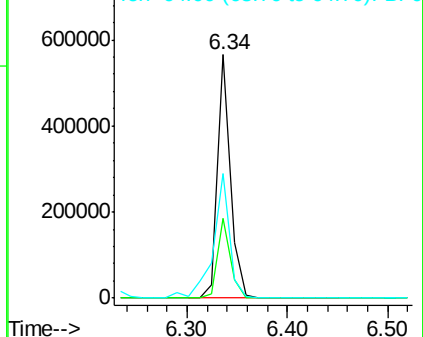
64 51.4 32.2 72.2

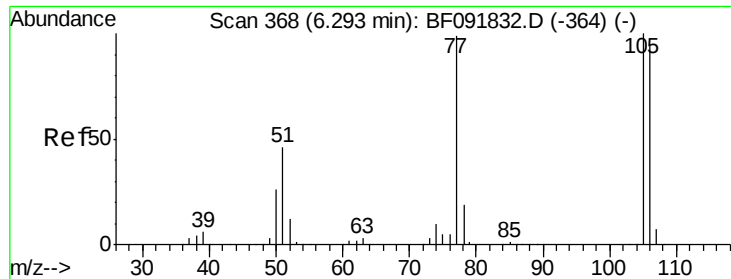


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.90 ng

RT: 6.11 min Scan# 378

Delta R.T. 0.02 min

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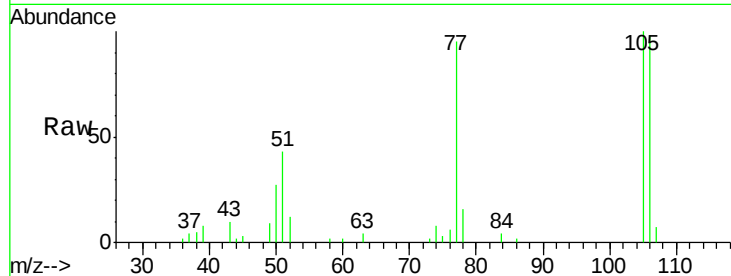
Tgt Ion: 77 Resp: 24514

Ion Ratio Lower Upper

77 100

105 105.1 83.9 123.9

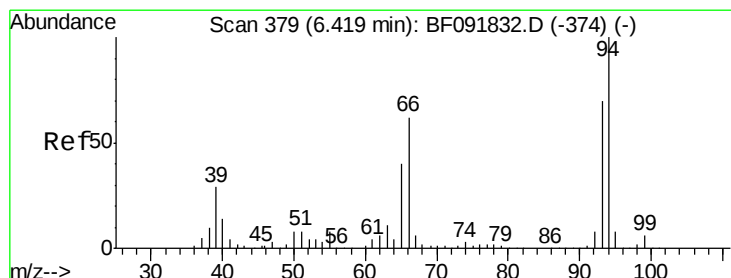
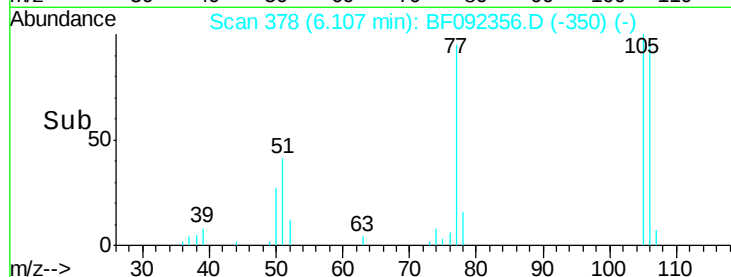
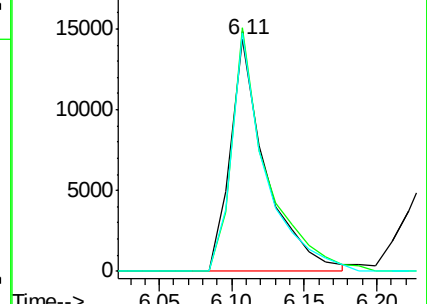
106 102.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.26 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

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Acq: 18 Jan 2017 17:35

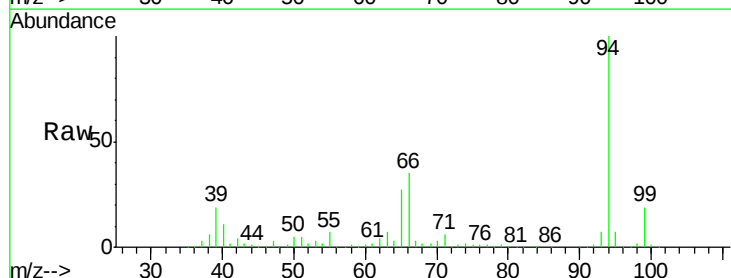
Tgt Ion: 94 Resp: 589873

Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

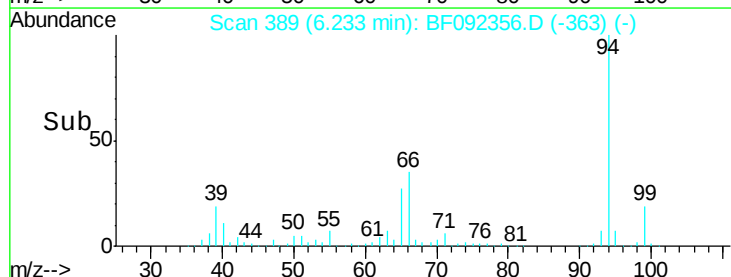
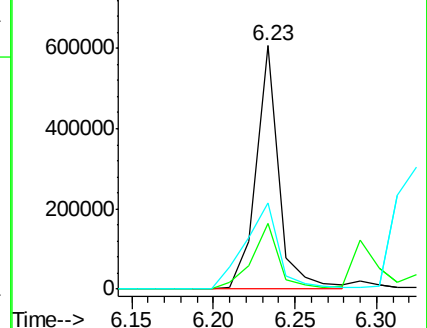
66 35.2 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

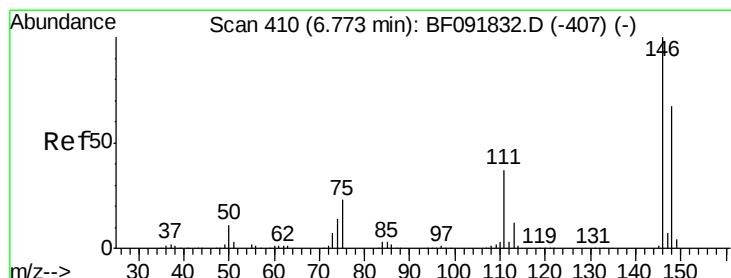
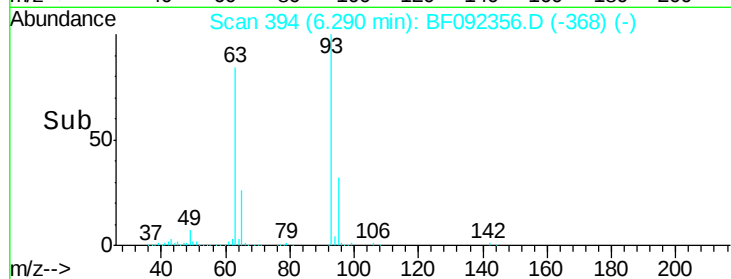
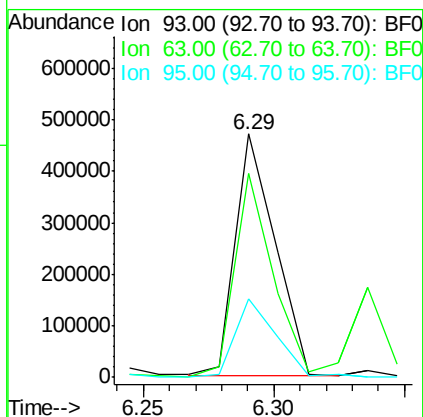
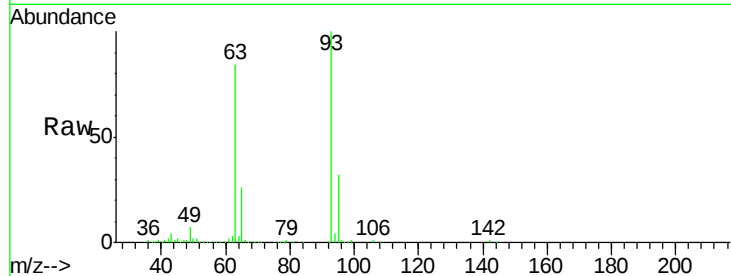




#11
bis(2-Chloroethyl)ether
Concen: 52.50 ng
RT: 6.29 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

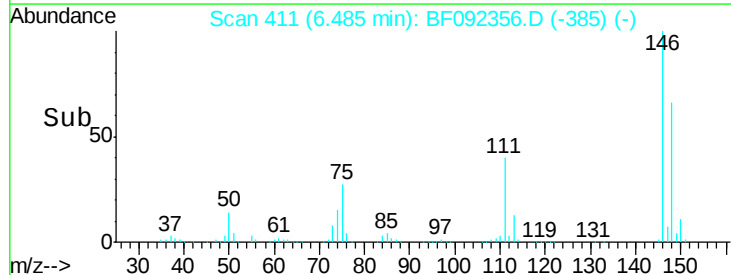
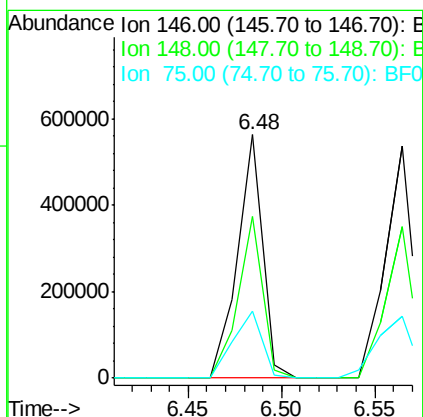
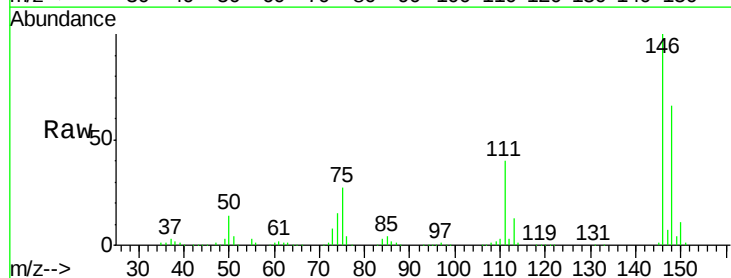
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

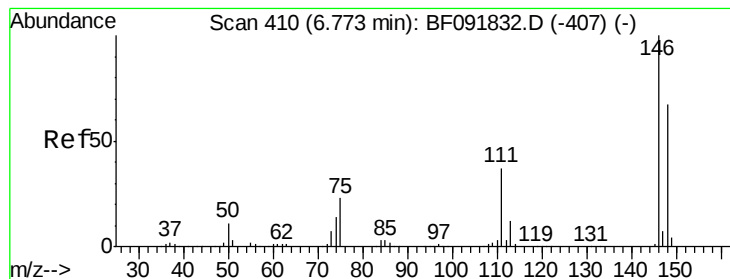
Tgt Ion: 93 Resp: 500163
Ion Ratio Lower Upper
93 100
63 83.8 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 51.10 ng
RT: 6.48 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion: 146 Resp: 534085
Ion Ratio Lower Upper
146 100
148 66.4 53.4 80.0
75 27.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 50.16 ng

RT: 6.56 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

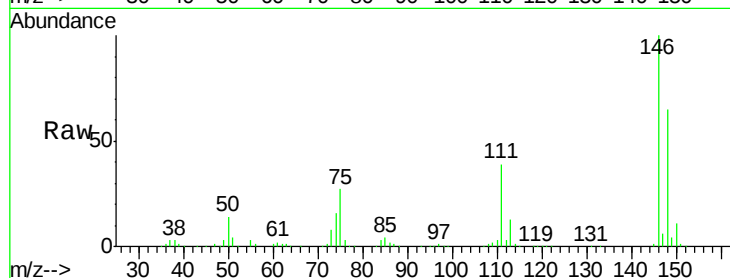
Tgt Ion:146 Resp: 533569

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

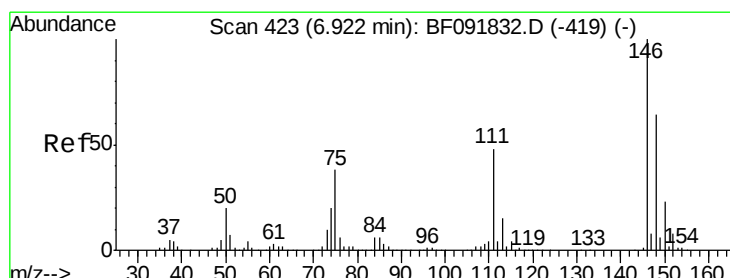
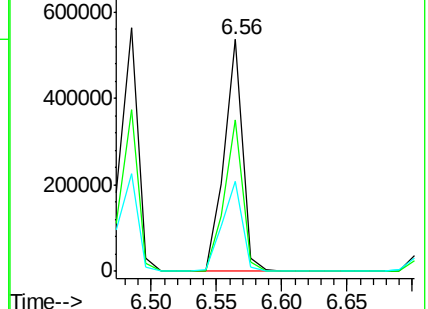
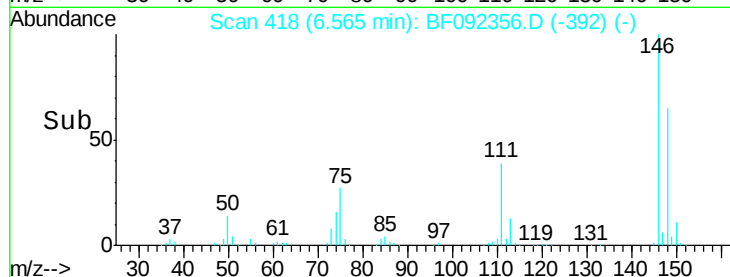
111 39.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.26 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

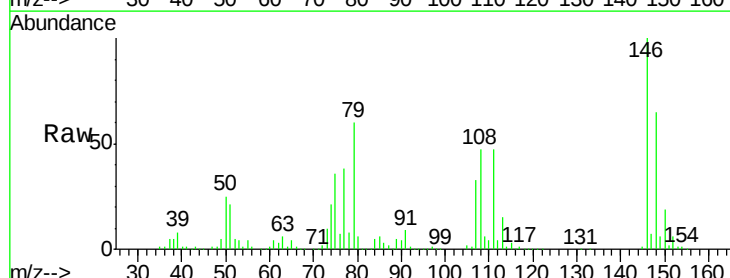
Tgt Ion:146 Resp: 473114

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

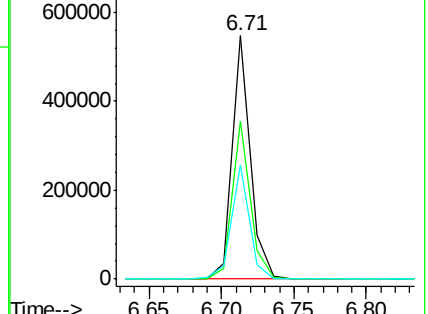
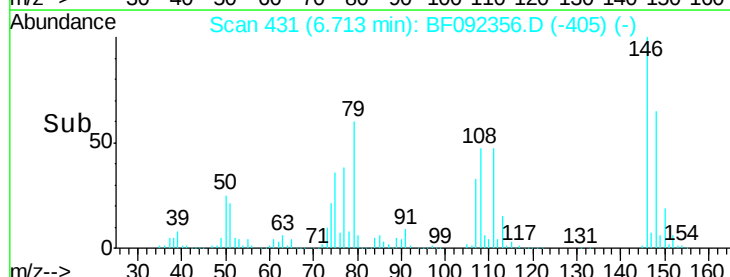
111 46.8 36.2 54.2

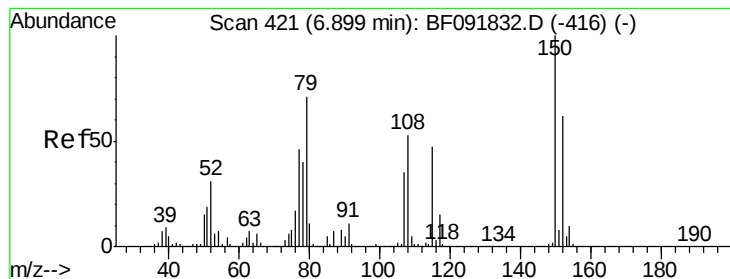


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.00 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

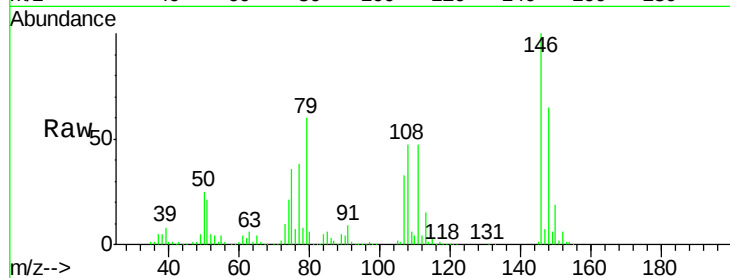
Tgt Ion: 79 Resp: 440845

Ion Ratio Lower Upper

79 100

108 79.5 61.4 92.0

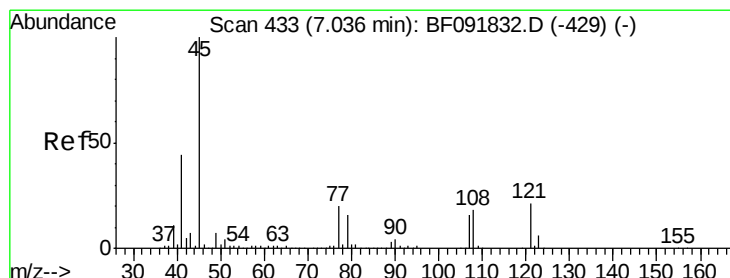
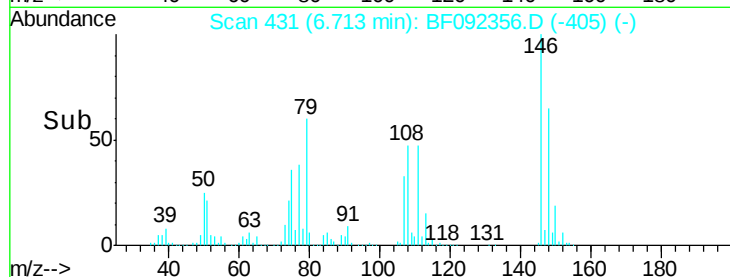
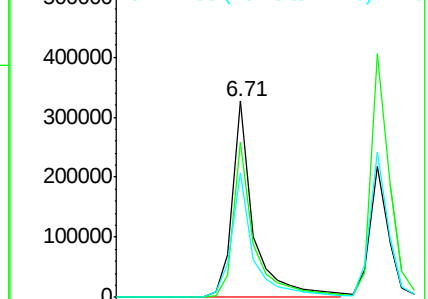
77 63.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.83 ng

RT: 6.84 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

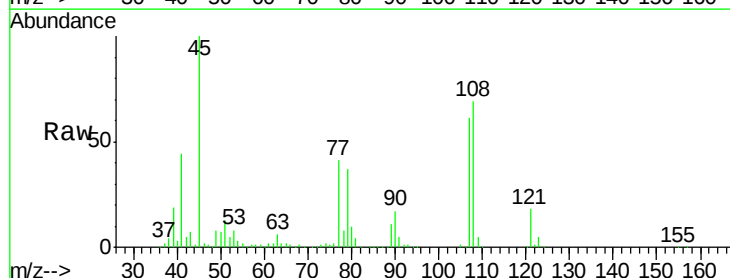
Tgt Ion: 45 Resp: 721153

Ion Ratio Lower Upper

45 100

77 41.1 0.0 34.6#

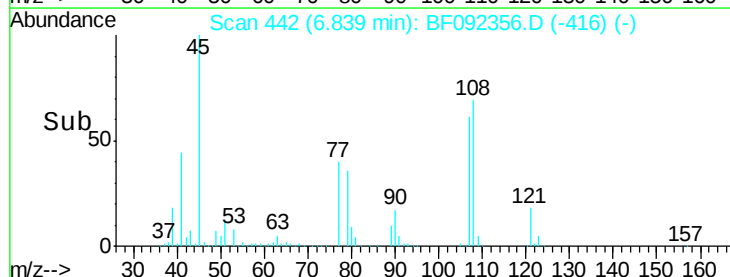
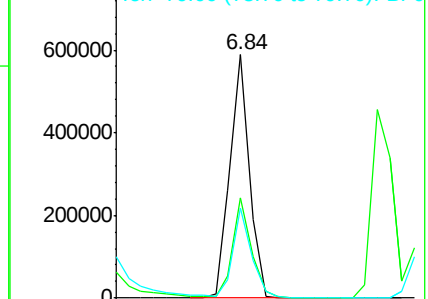
79 37.0 0.0 31.2#

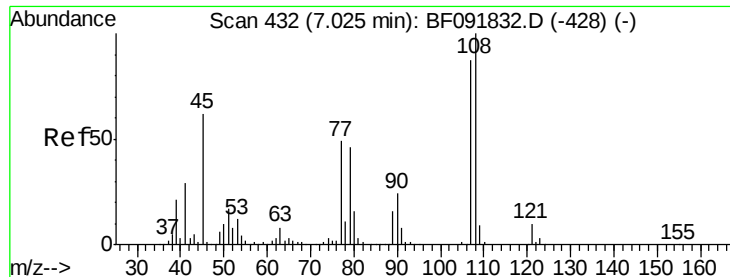


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

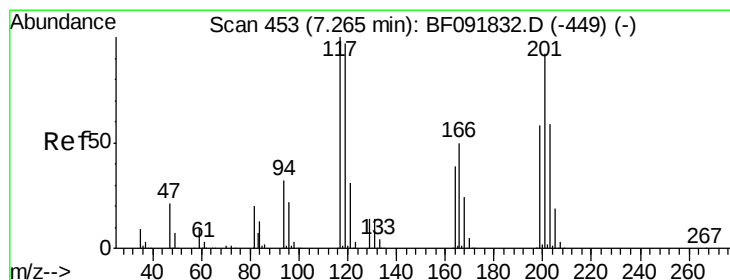
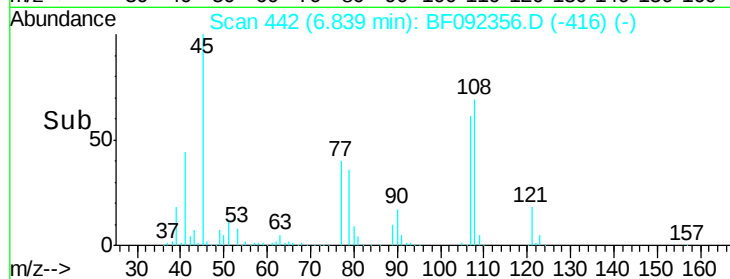
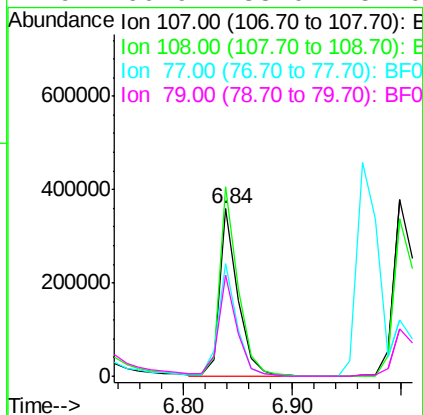
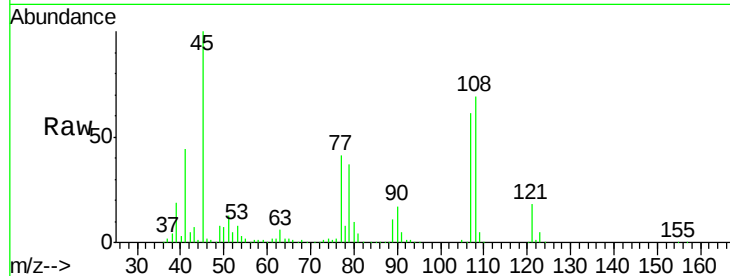




#17
2-Methylphenol
Concen: 53.09 ng
RT: 6.84 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

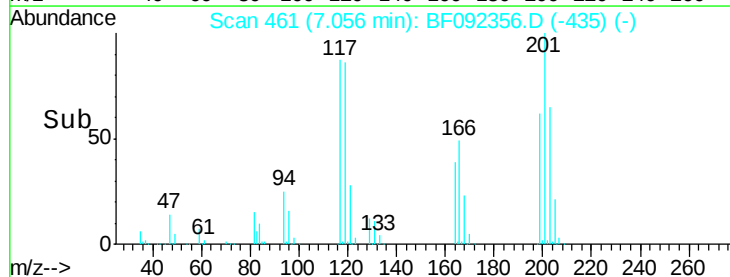
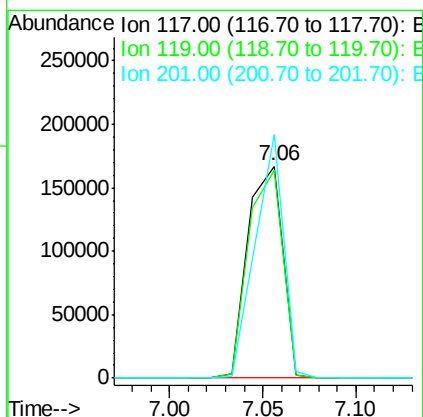
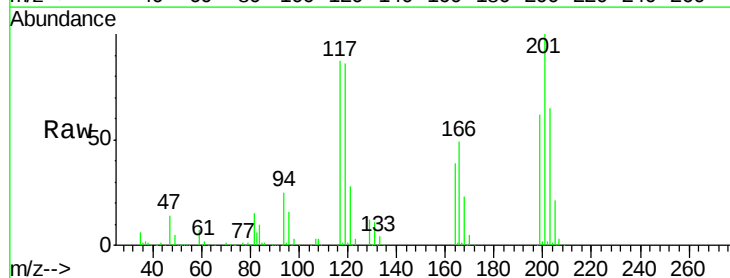
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

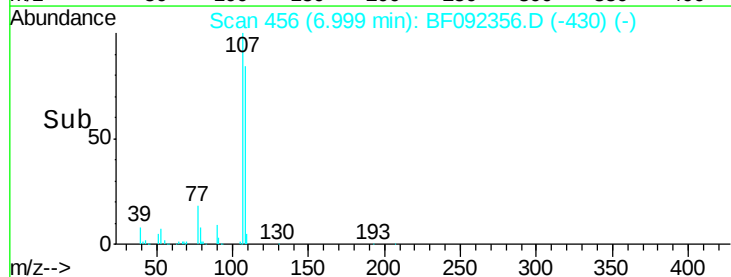
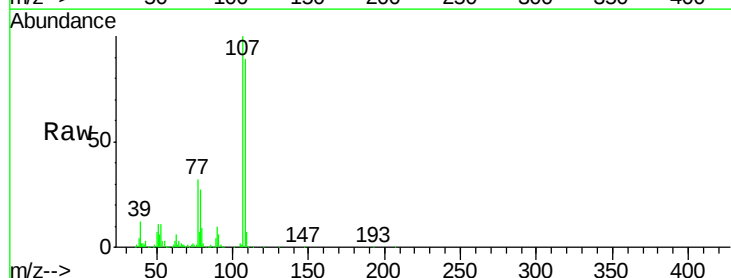
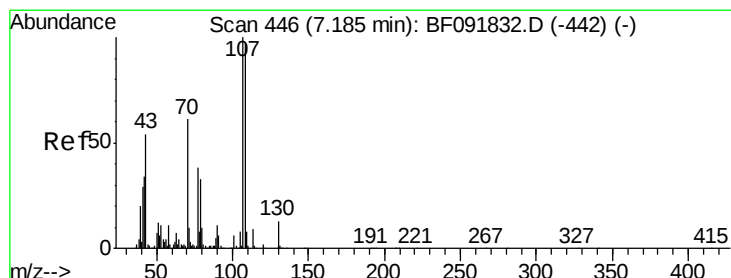
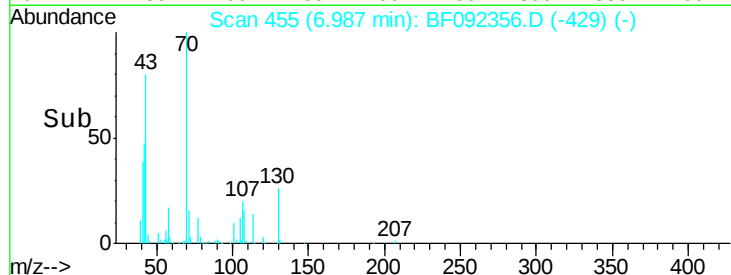
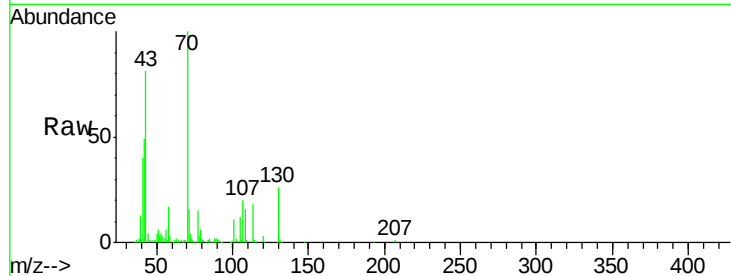
Tgt Ion:107 Resp: 417976
Ion Ratio Lower Upper
107 100
108 113.2 93.0 139.6
77 67.5 39.8 59.8#
79 60.9 38.0 57.0#



#18
Hexachloroethane
Concen: 54.94 ng
RT: 7.06 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:117 Resp: 216665
Ion Ratio Lower Upper
117 100
119 98.3 78.1 117.1
201 114.9 78.6 117.8

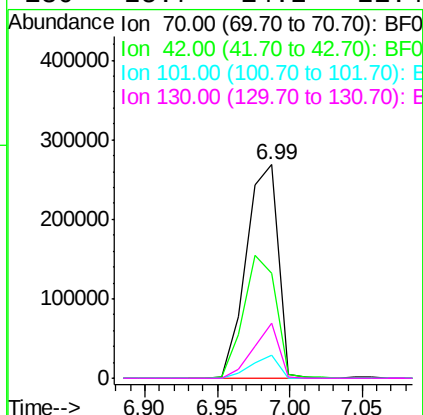




#19
n-Nitroso-di-n-propylamine
Concen: 58.53 ng
RT: 6.99 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

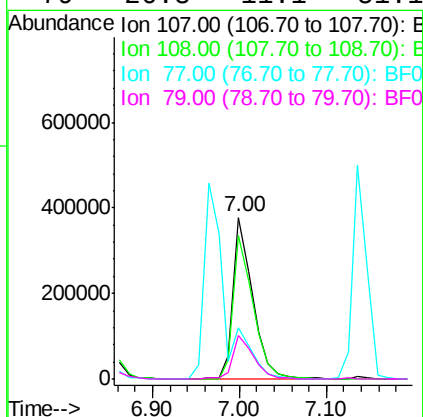
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

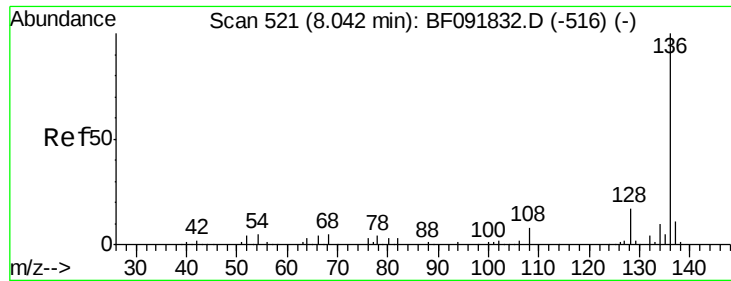
Tgt Ion: 70 Resp: 409165
Ion Ratio Lower Upper
70 100
42 49.2 49.4 74.0#
101 10.6 7.4 11.2
130 25.7 14.2 21.4#



#20
3+4-Methylphenols
Concen: 62.35 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion: 107 Resp: 585474
Ion Ratio Lower Upper
107 100
108 88.9 73.0 113.0
77 31.9 71.3 111.3#
79 26.8 11.1 51.1

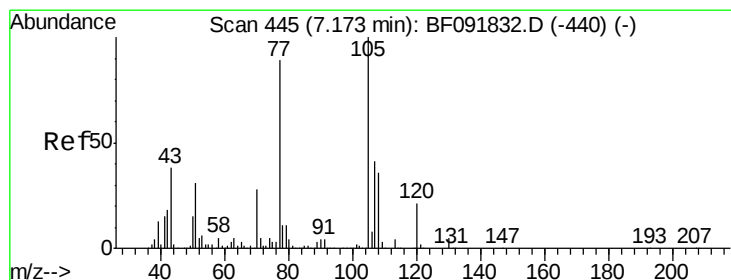
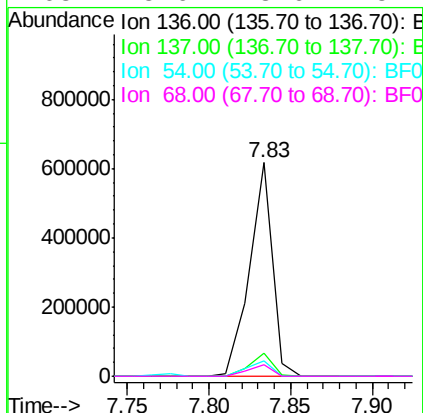
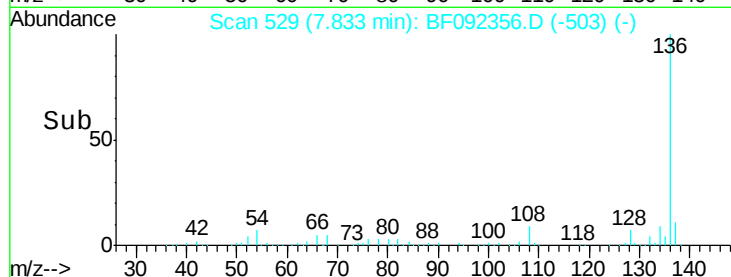
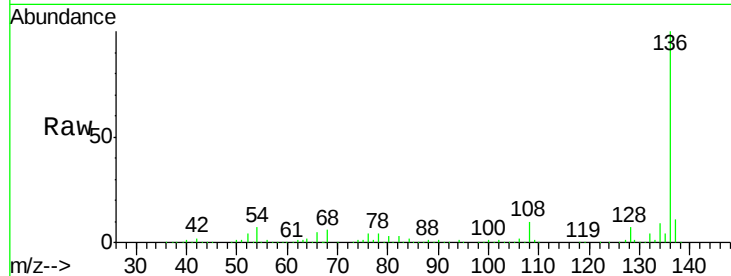




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

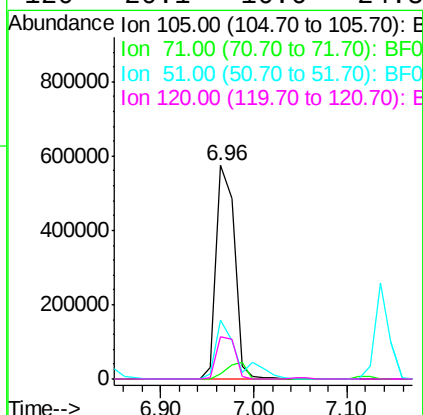
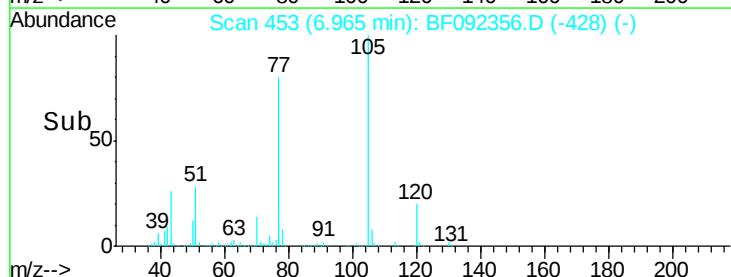
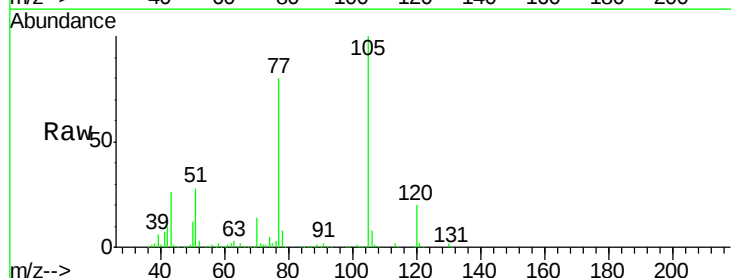
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

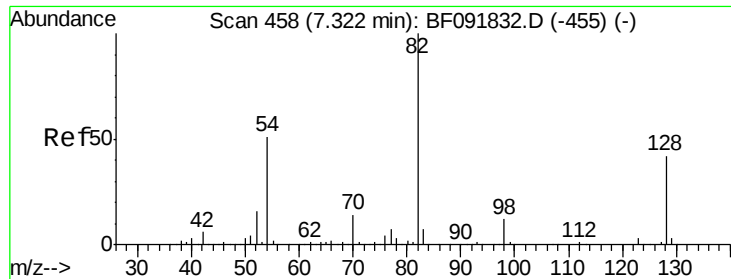
Tgt Ion:	136	Resp:	599991
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.0	4.5	6.7#
68	5.6	3.6	5.4#



#22
Acetophenone
Concen: 52.81 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:	105	Resp:	781574
Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.2	4.8#
51	27.8	26.2	39.4
120	20.1	16.6	24.8

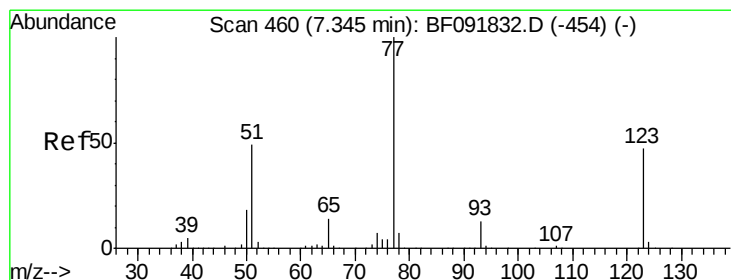
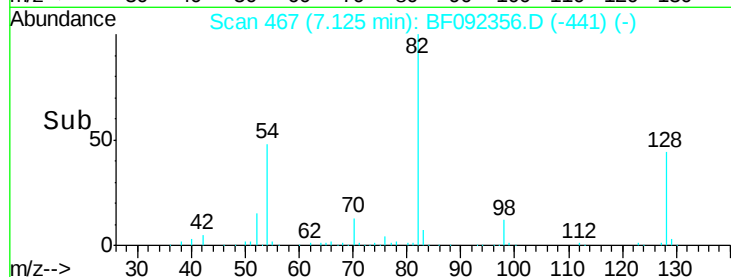
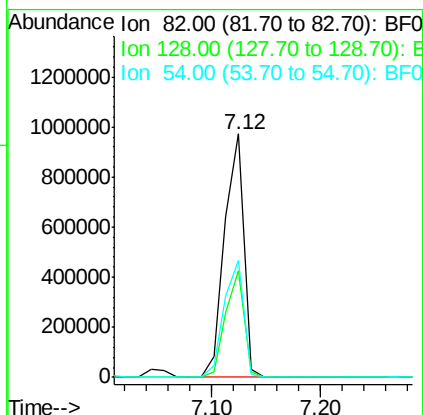
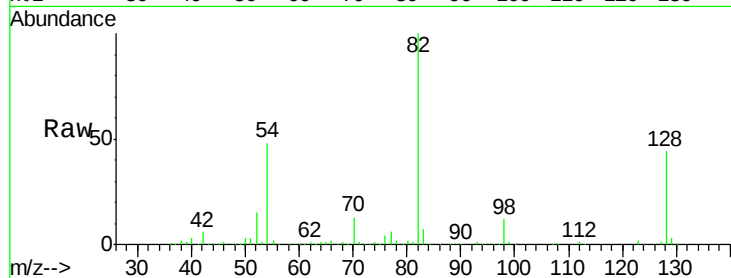




#23
 Nitrobenzene-d5
 Concen: 109.88 ng
 RT: 7.12 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

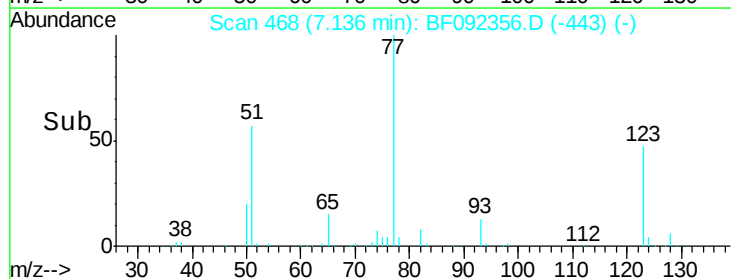
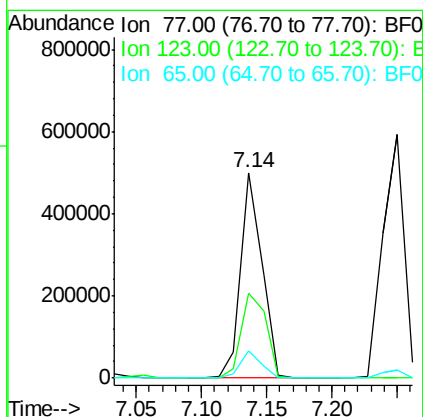
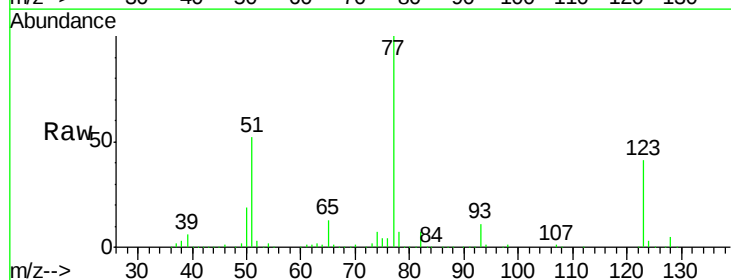
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

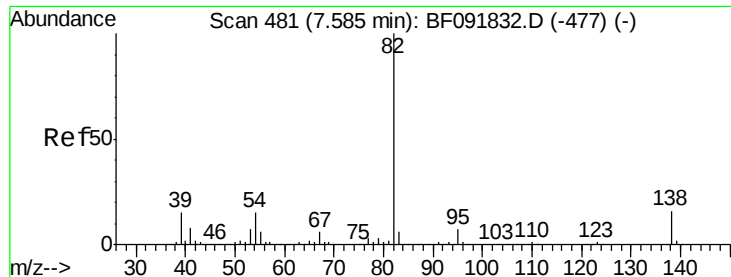
Tgt Ion: 82 Resp: 1185586
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 52.0
 54 48.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 49.06 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion: 77 Resp: 563847
 Ion Ratio Lower Upper
 77 100
 123 41.2 33.0 49.4
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 57.33 ng

RT: 7.39 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

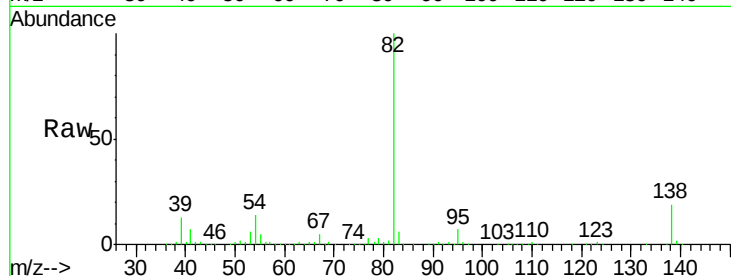
Tgt Ion: 82 Resp: 1141343

Ion Ratio Lower Upper

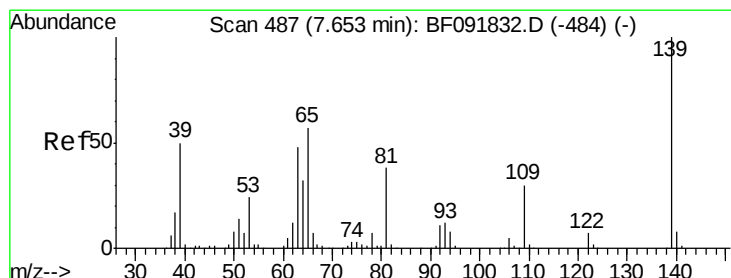
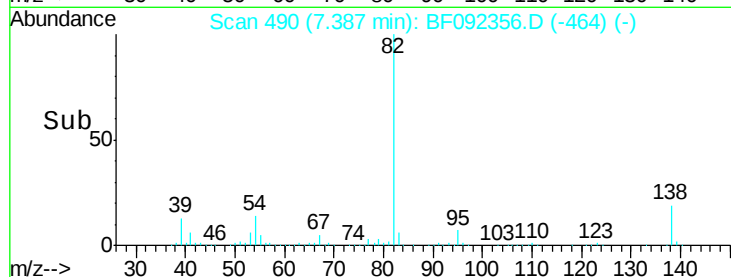
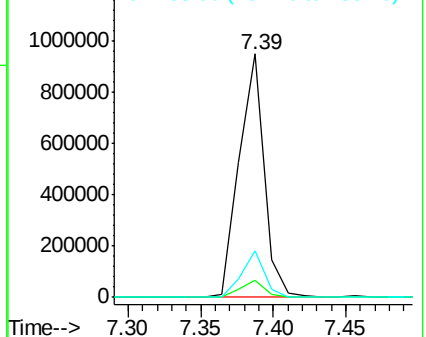
82 100

95 6.9 5.6 8.4

138 19.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.76 ng

RT: 7.46 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

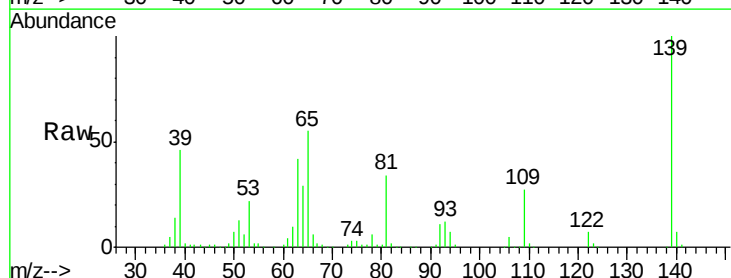
Tgt Ion: 139 Resp: 293349

Ion Ratio Lower Upper

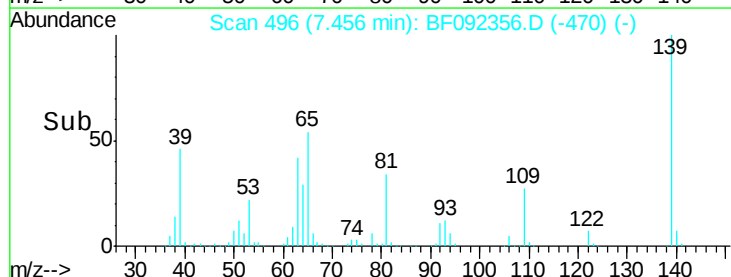
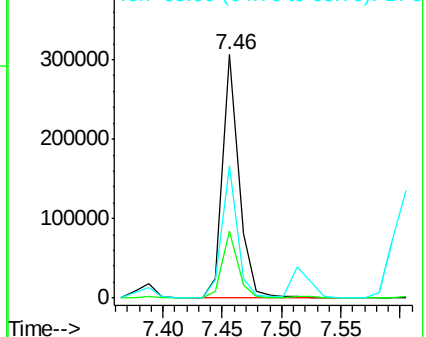
139 100

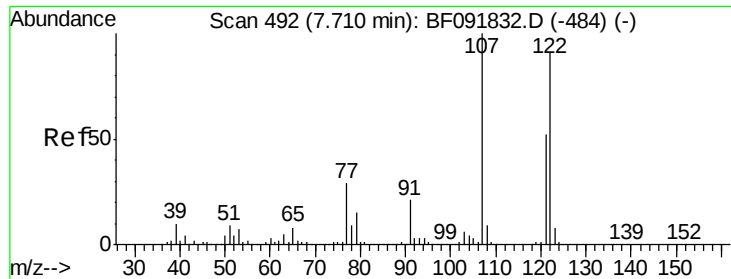
109 27.3 23.3 34.9

65 54.5 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

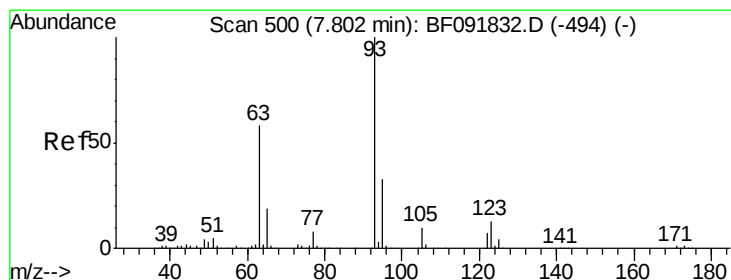
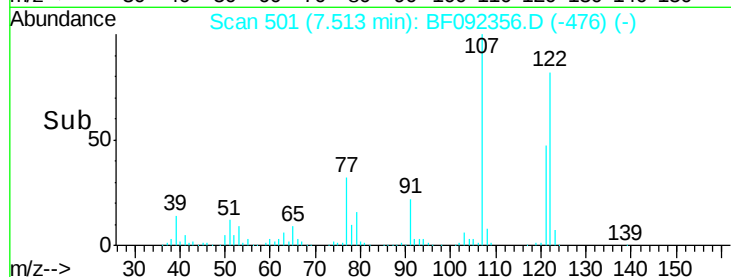
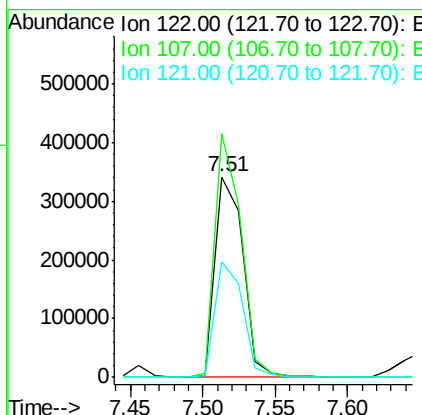
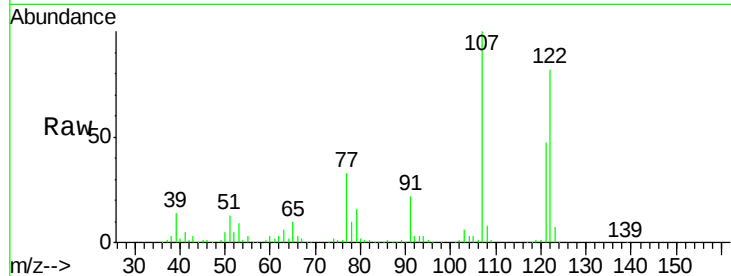




#27
 2,4-Dimethylphenol
 Concen: 49.03 ng
 RT: 7.51 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

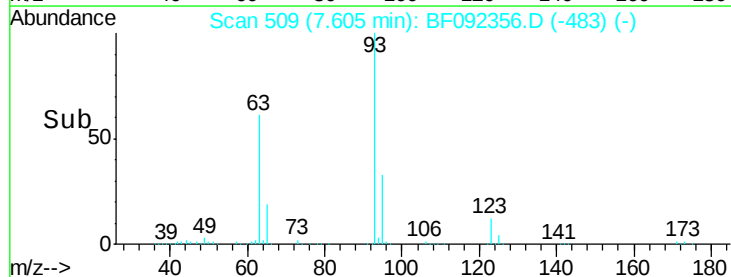
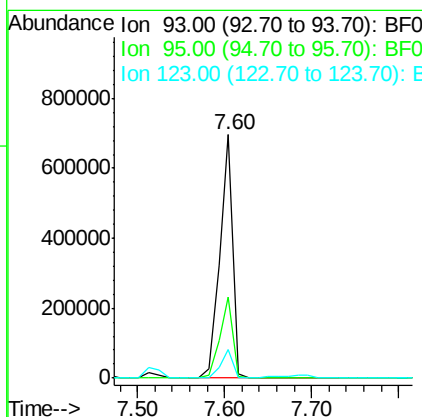
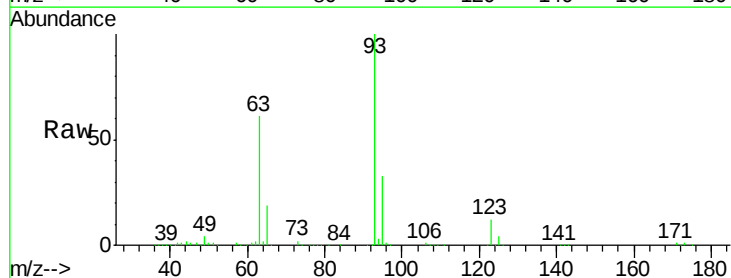
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

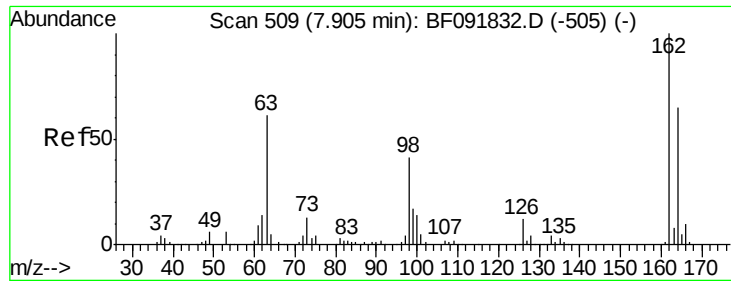
Tgt Ion: 122 Resp: 460849
 Ion Ratio Lower Upper
 122 100
 107 121.6 94.1 141.1
 121 57.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.45 ng
 RT: 7.60 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion: 93 Resp: 729788
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.6 8.6 13.0

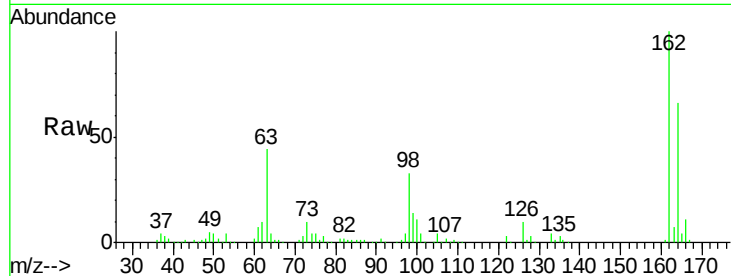




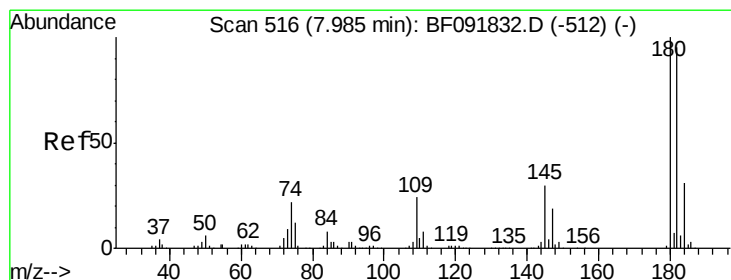
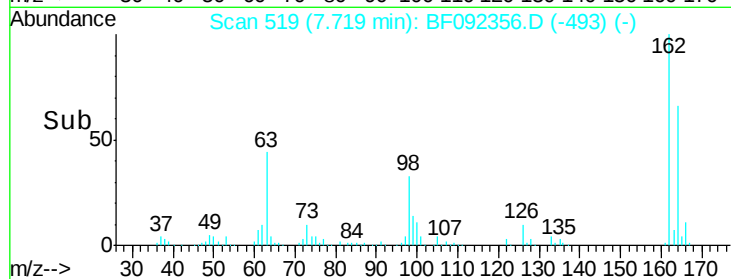
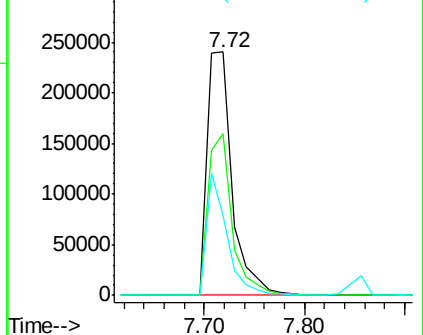
#29
2,4-Dichlorophenol
Concen: 52.09 ng
RT: 7.72 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:162 Resp: 414648
Ion Ratio Lower Upper
162 100
164 66.2 46.8 86.8
98 32.6 9.1 49.1

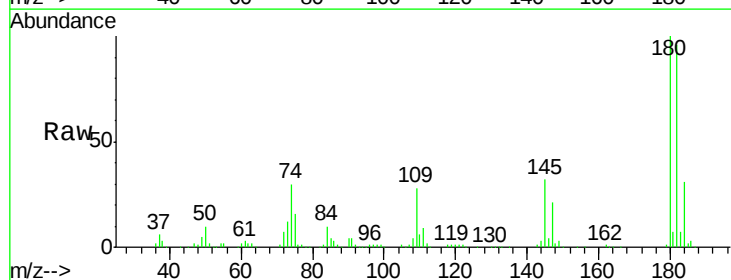


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

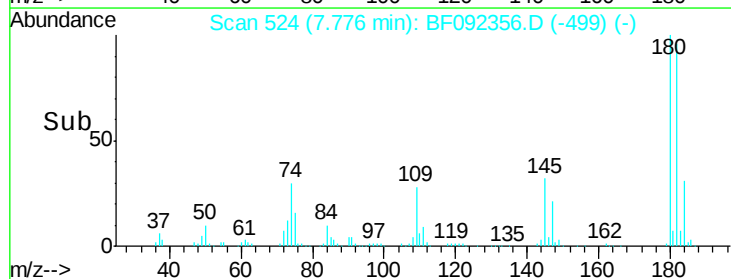
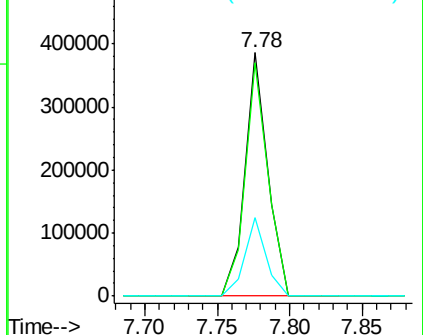


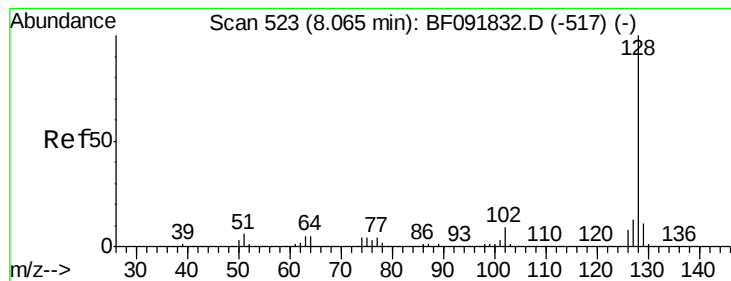
#30
1,2,4-Trichlorobenzene
Concen: 48.10 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:180 Resp: 419565
Ion Ratio Lower Upper
180 100
182 95.9 78.2 117.4
145 32.4 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.41 ng

RT: 7.86 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

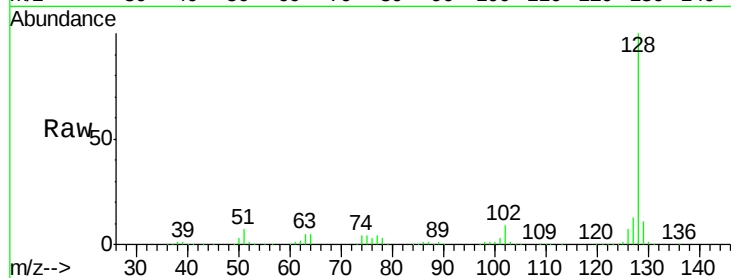
Tgt Ion:128 Resp: 1521600

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

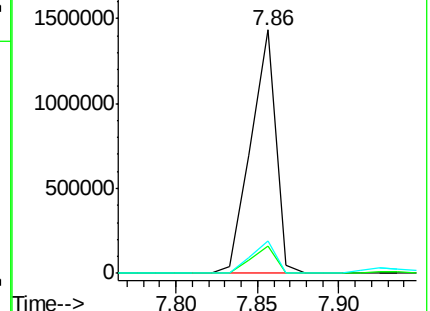
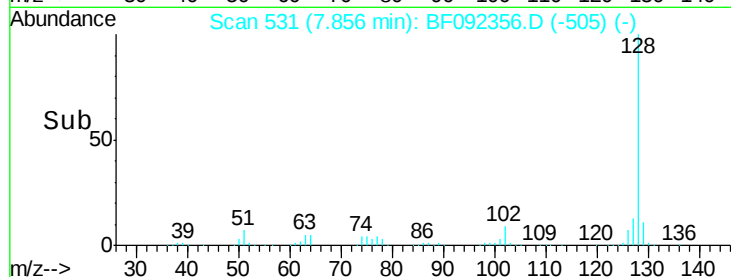
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.13 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

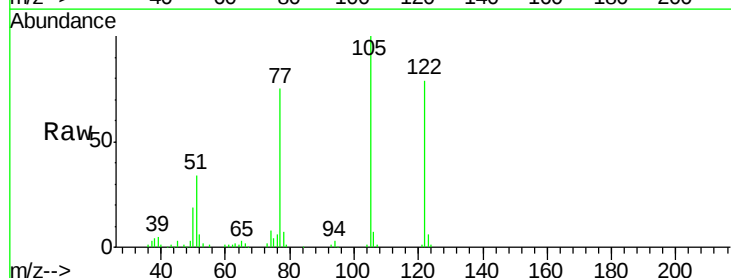
Tgt Ion:122 Resp: 293722

Ion Ratio Lower Upper

122 100

105 126.1 107.2 147.2

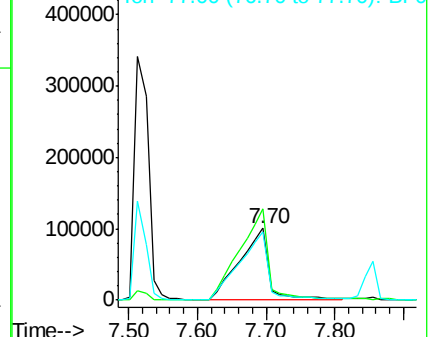
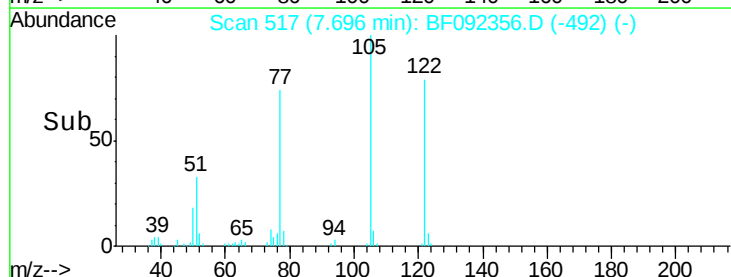
77 94.6 74.5 114.5

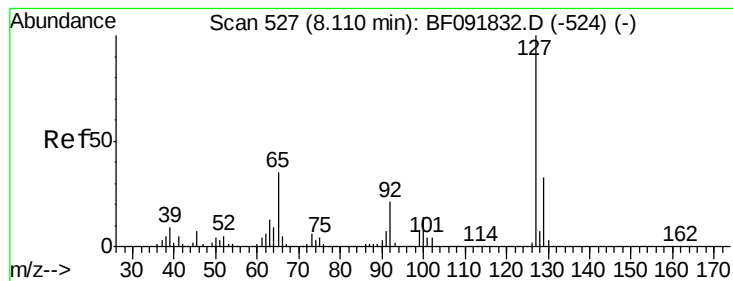


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.44 ng

RT: 7.92 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tgt Ion:127 Resp: 79721

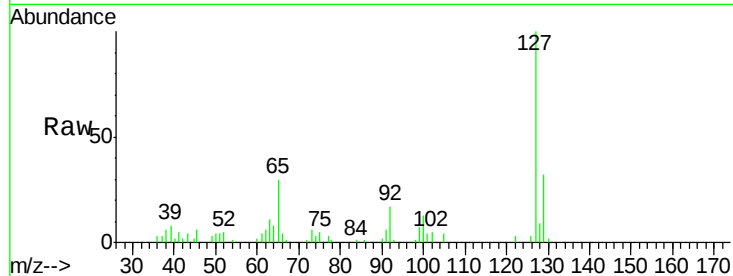
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 30.2 25.8 38.8

92 17.2 16.1 24.1

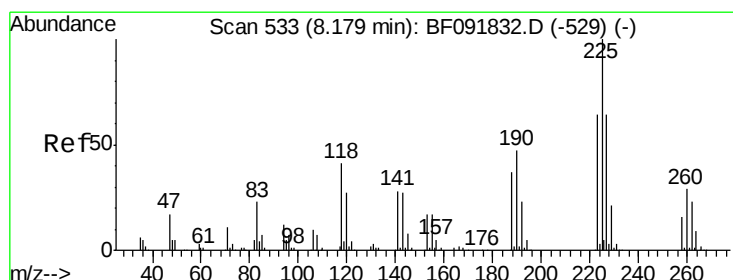
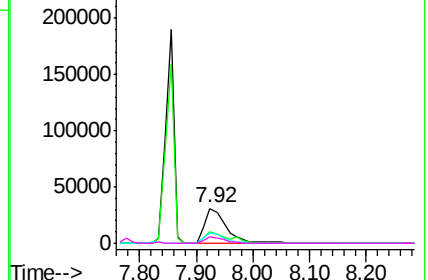
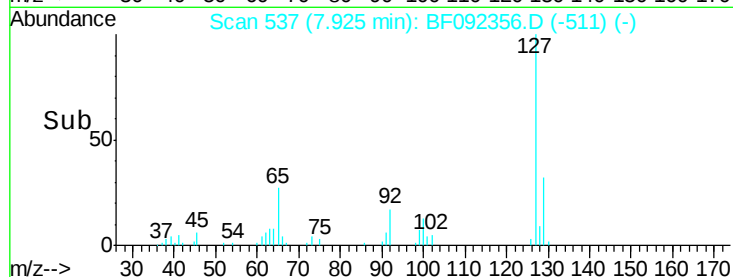


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 50.69 ng

RT: 7.97 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

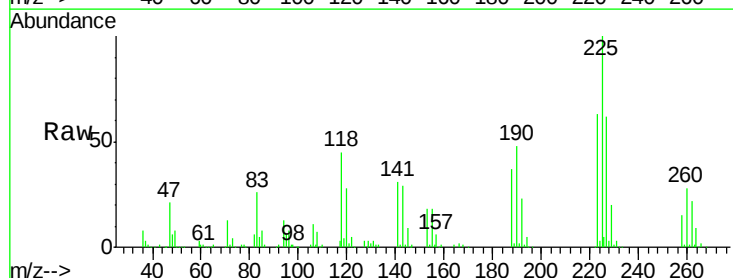
Tgt Ion:225 Resp: 233385

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

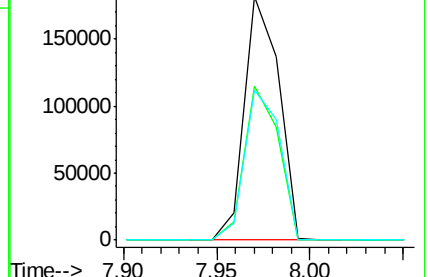
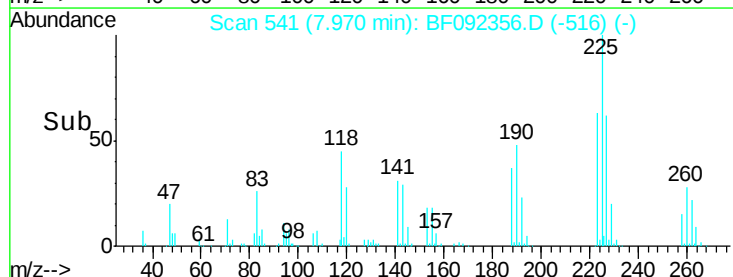
227 61.9 50.6 76.0

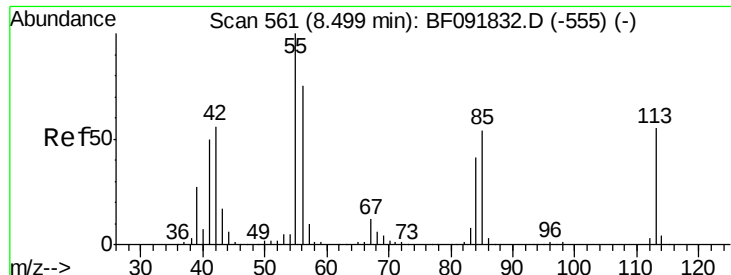


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

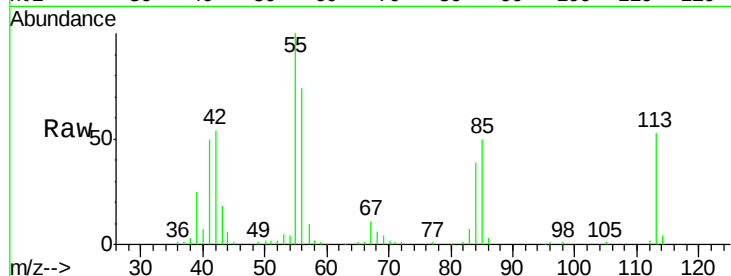




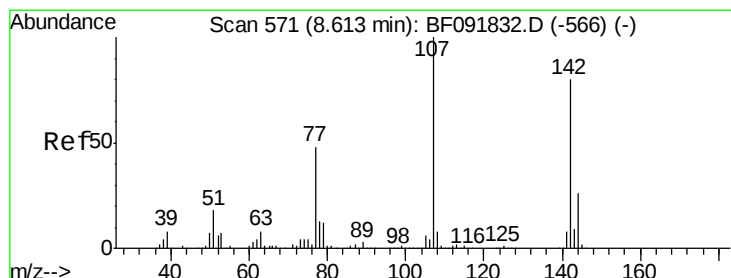
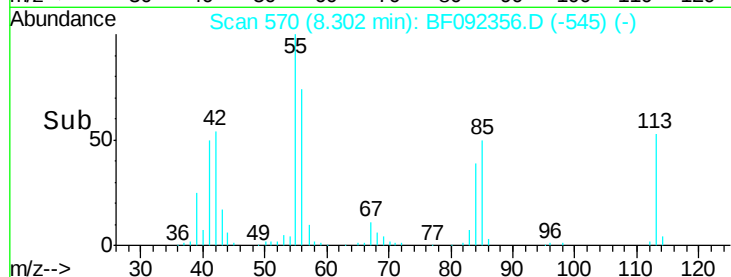
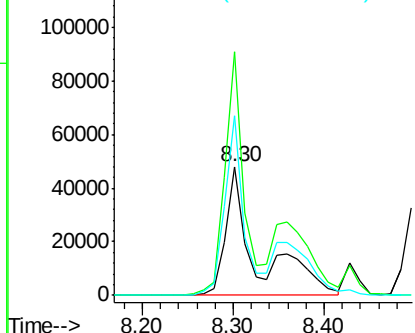
#35
 Caprolactam
 Concen: 43.81 ng m
 RT: 8.30 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:113 Resp: 114602
 Ion Ratio Lower Upper
 113 100
 55 188.9 119.2 159.2#
 56 139.8 83.8 123.8#

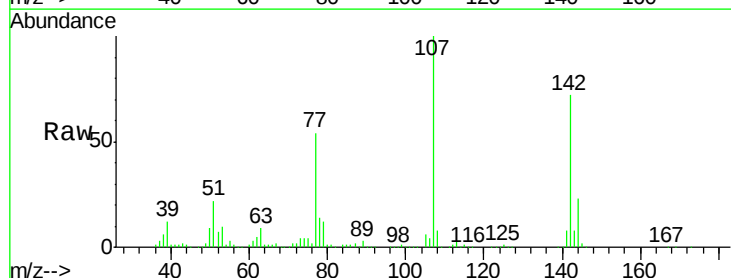


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

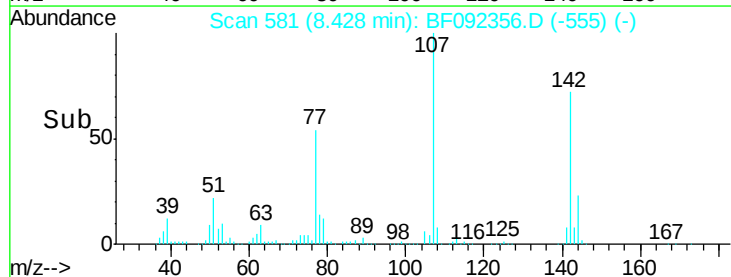
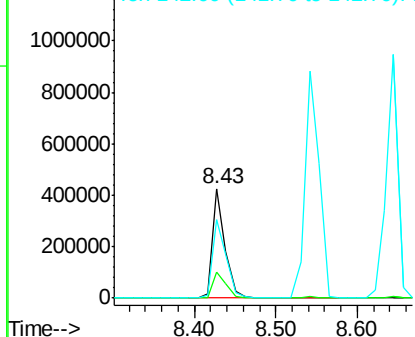


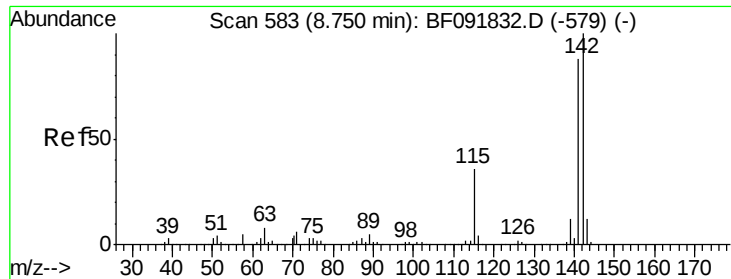
#36
 4-Chloro-3-methylphenol
 Concen: 49.63 ng
 RT: 8.43 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion:107 Resp: 454602
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.3 28.9
 142 72.1 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

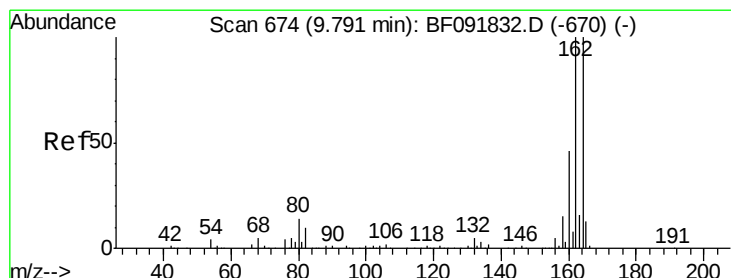
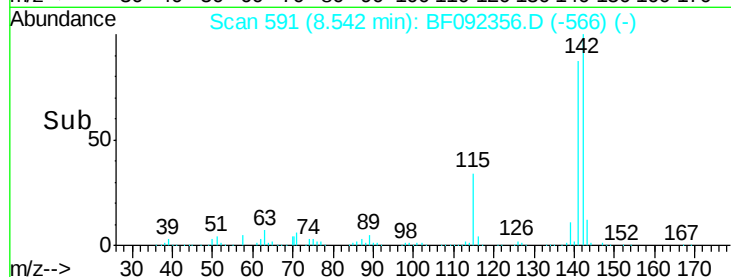
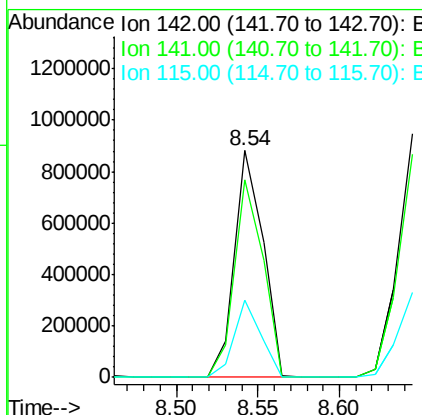
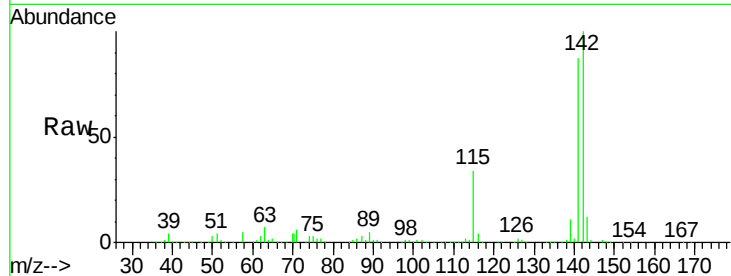




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.54 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

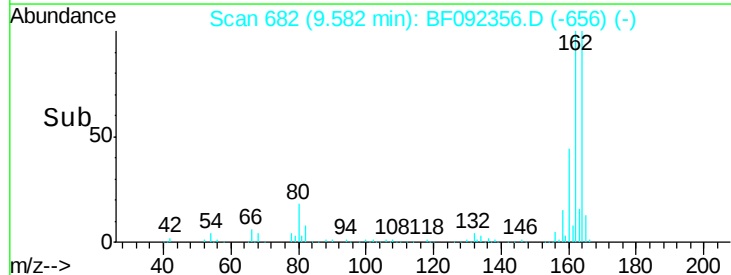
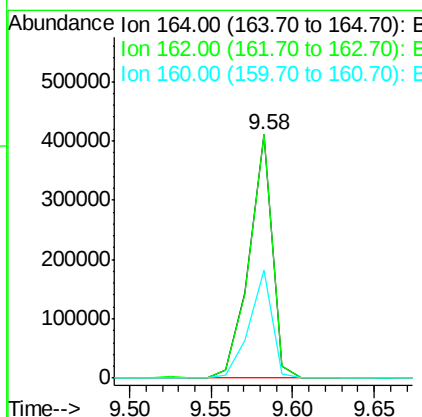
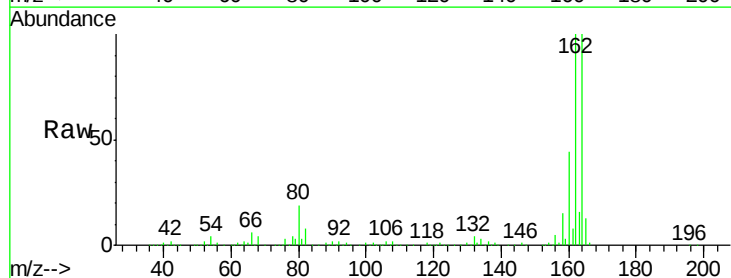
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

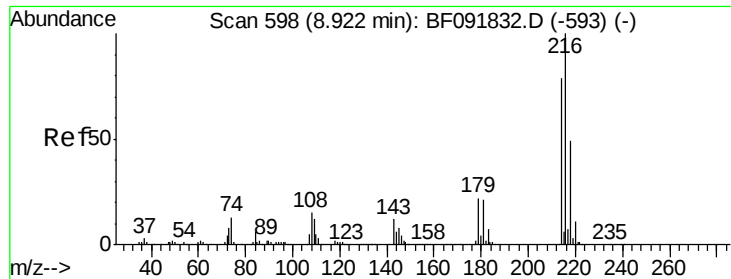
Tgt Ion:142 Resp: 1067606
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6
115 33.8 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:164 Resp: 401597
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 44.3 36.9 55.3

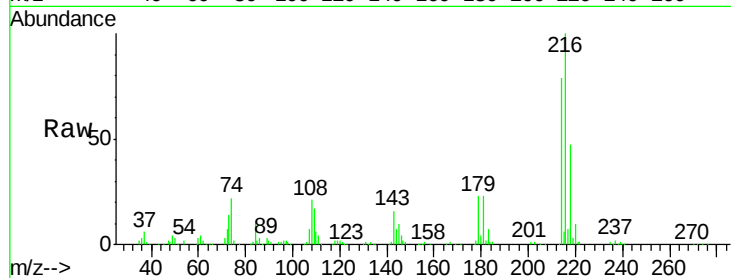




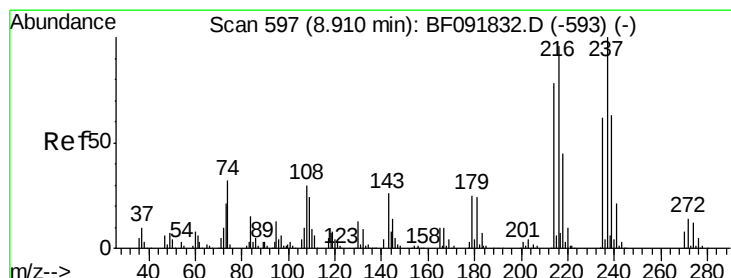
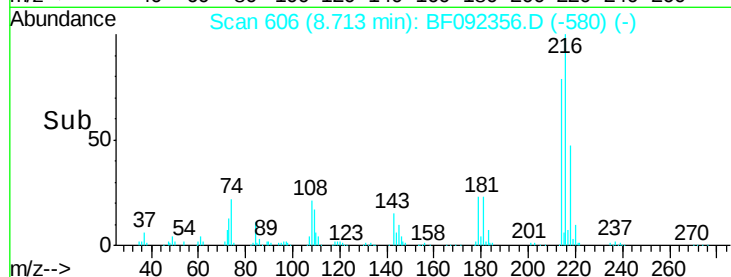
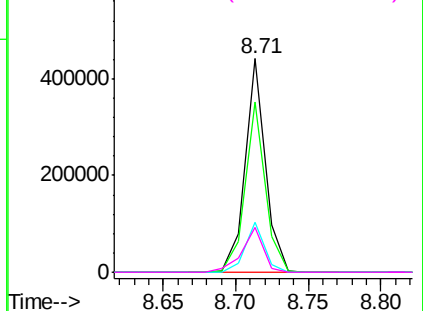
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.26 ng
 RT: 8.71 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:	216	Resp:	428835
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	22.1	17.4	26.2
108	22.0	15.6	23.4

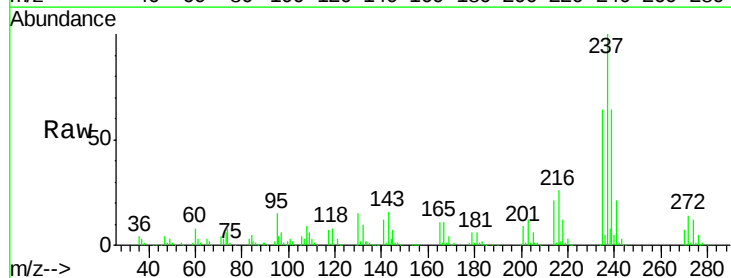


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

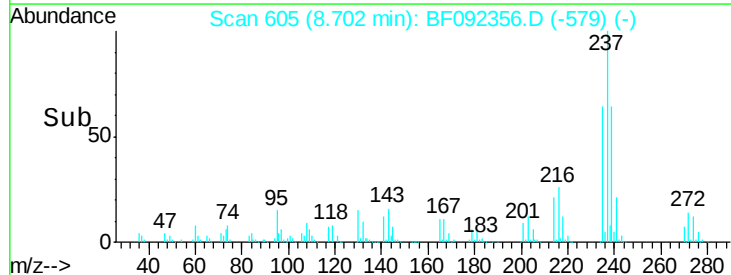
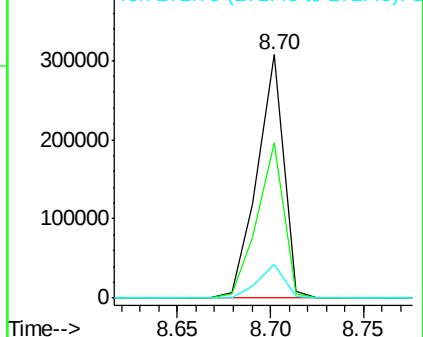


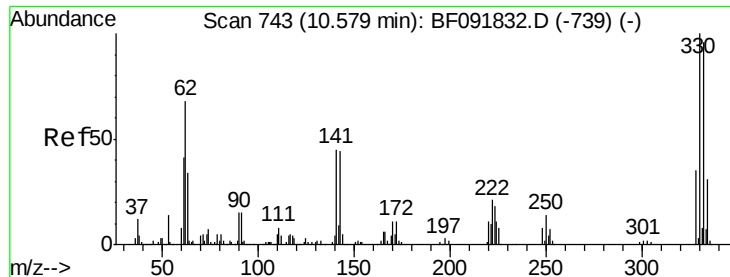
#40
 Hexachlorocyclopentadiene
 Concen: 67.48 ng
 RT: 8.70 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion:	237	Resp:	301968
Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.2	81.2
272	13.9	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

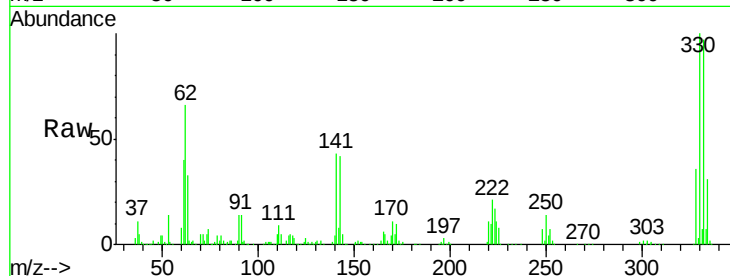




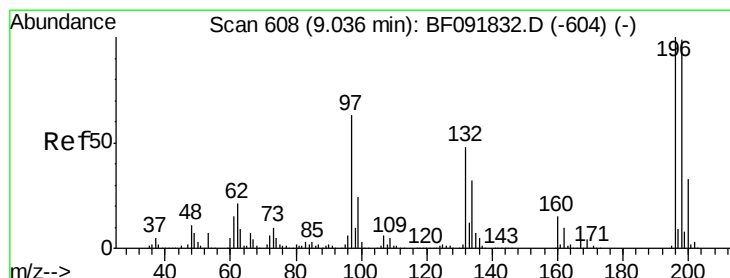
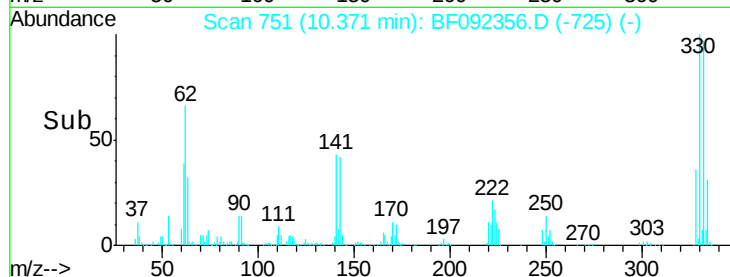
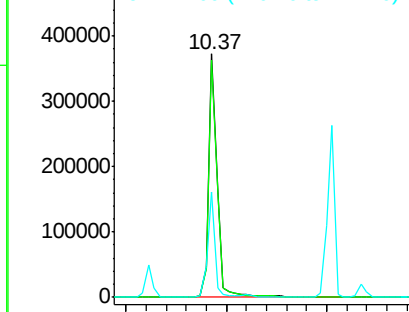
#41
 2,4,6-Tribromophenol
 Concen: 133.28 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:330 Resp: 442947
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 36.6 34.1 51.1

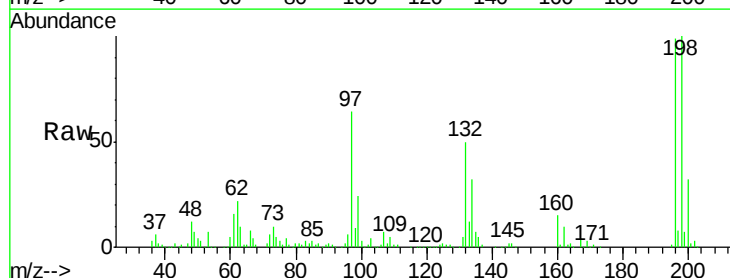


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

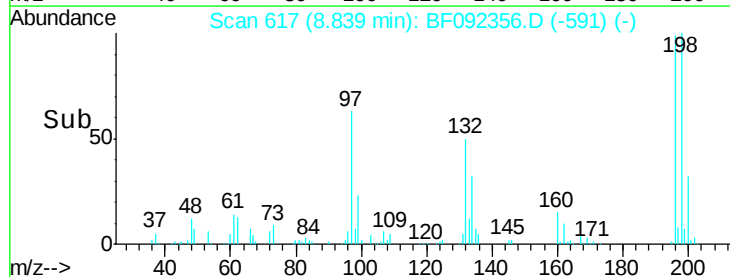
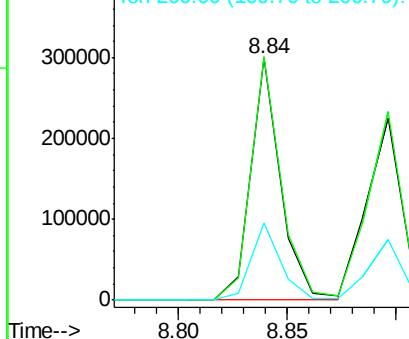


#42
 2,4,6-Trichlorophenol
 Concen: 40.52 ng
 RT: 8.84 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion:196 Resp: 287551
 Ion Ratio Lower Upper
 196 100
 198 100.6 82.1 123.1
 200 31.9 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

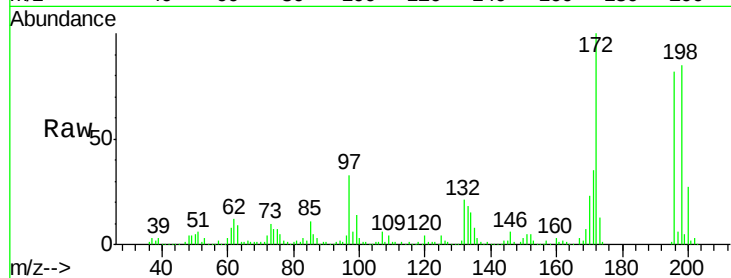




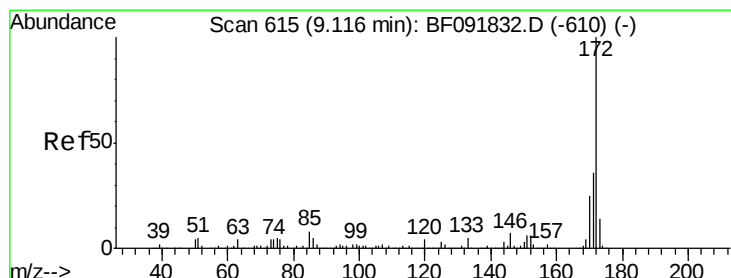
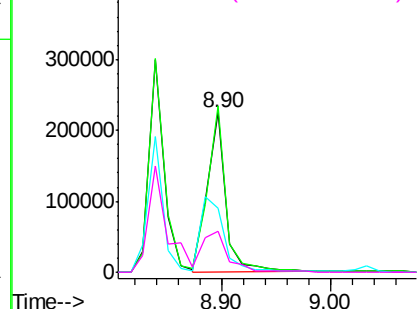
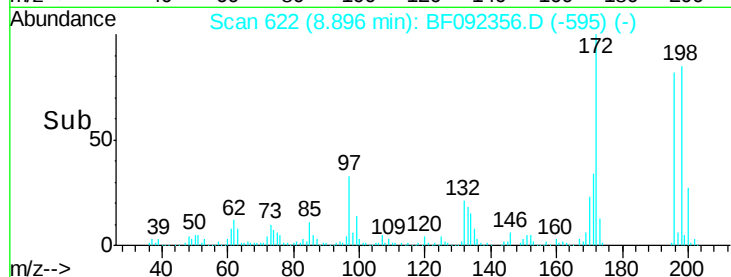
#43
 2,4,5-Trichlorophenol
 Concen: 37.25 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:196 Resp: 272043
 Ion Ratio Lower Upper
 196 100
 198 103.6 79.4 119.2
 97 40.0 51.5 77.3#
 132 25.9 27.4 41.2#

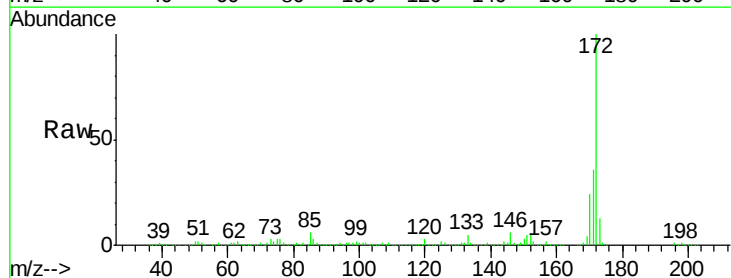


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

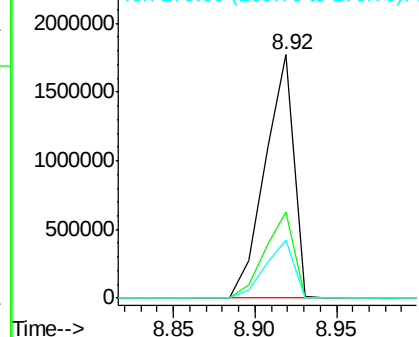
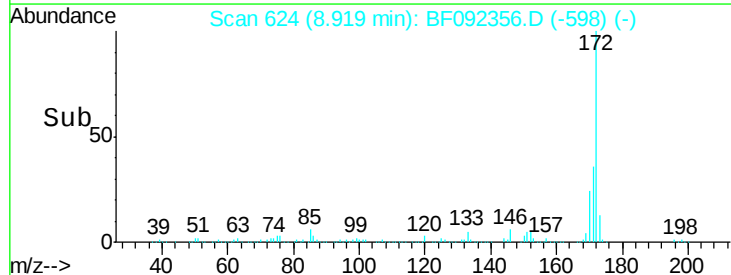


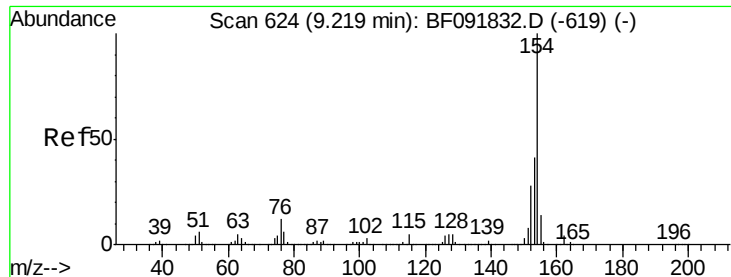
#44
 2-Fluorobiphenyl
 Concen: 115.73 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion:172 Resp: 2176924
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.1 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

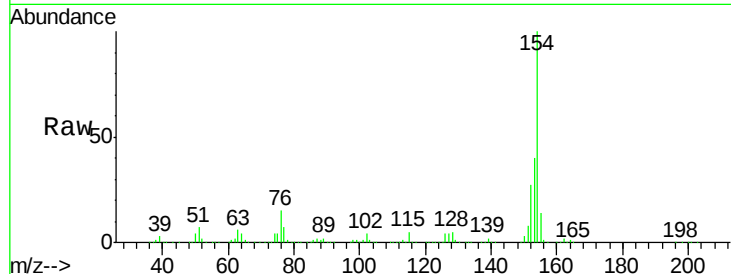




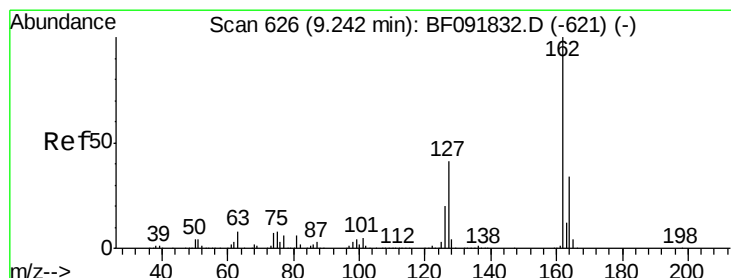
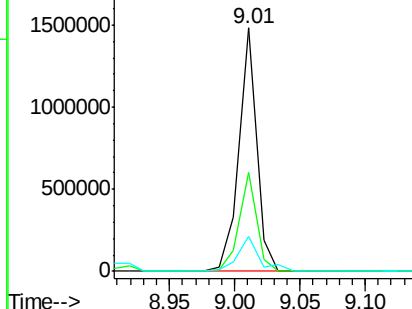
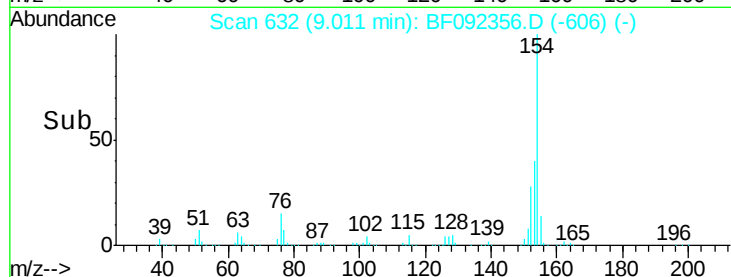
#45
 1,1'-Biphenyl
 Concen: 50.75 ng
 RT: 9.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:154 Resp: 1395633
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 14.5 0.0 30.5

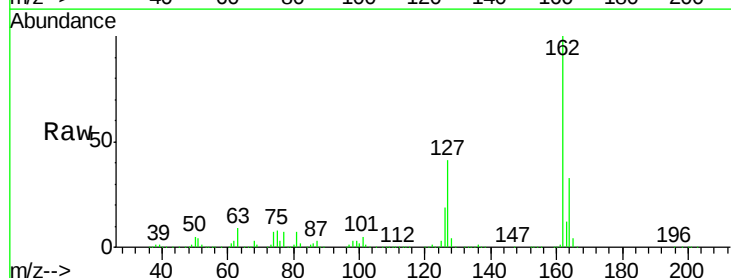


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

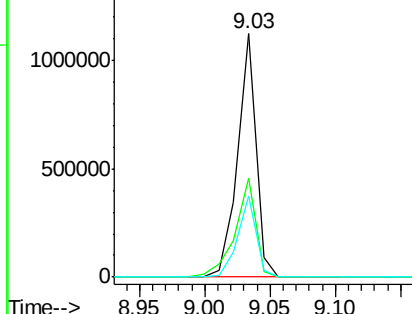
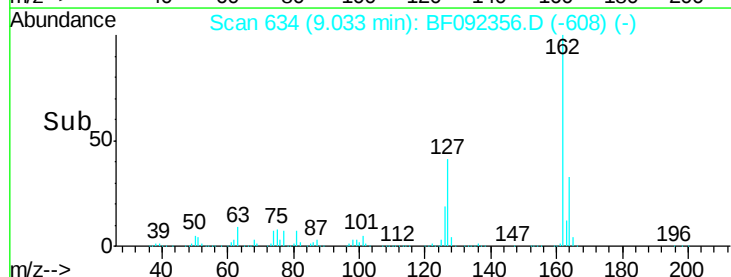


#46
 2-Chloronaphthalene
 Concen: 50.13 ng
 RT: 9.03 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion:162 Resp: 1091671
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.7 46.1
 164 33.5 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.24 ng

RT: 9.15 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

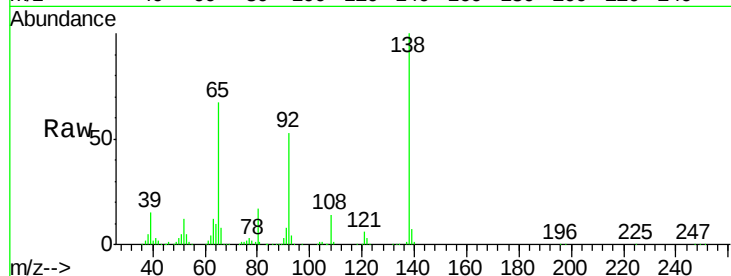
Tgt Ion: 65 Resp: 350765

Ion Ratio Lower Upper

65 100

92 79.7 53.9 80.9

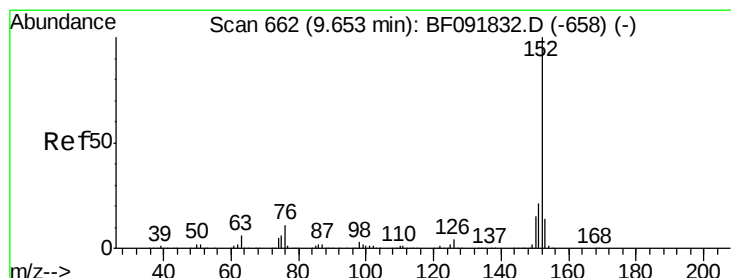
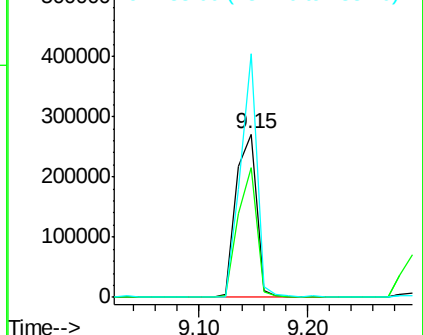
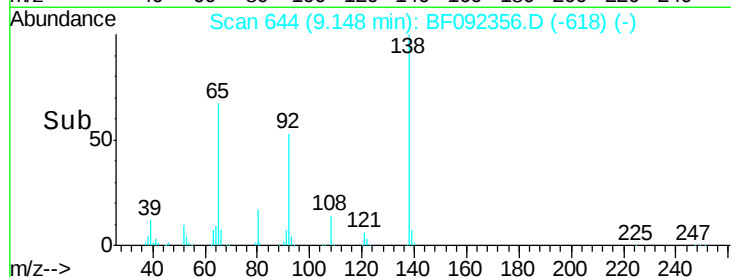
138 148.9 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 50.38 ng

RT: 9.44 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

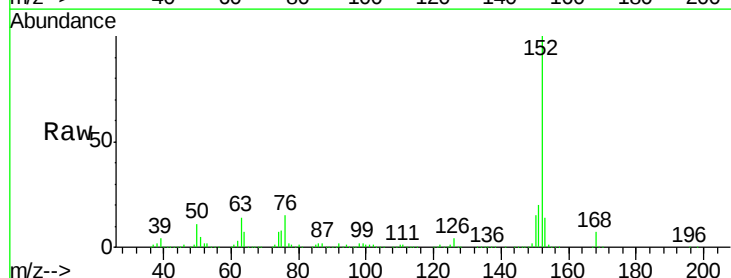
Tgt Ion:152 Resp: 1687397

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

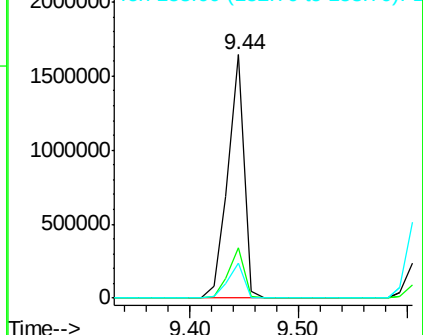
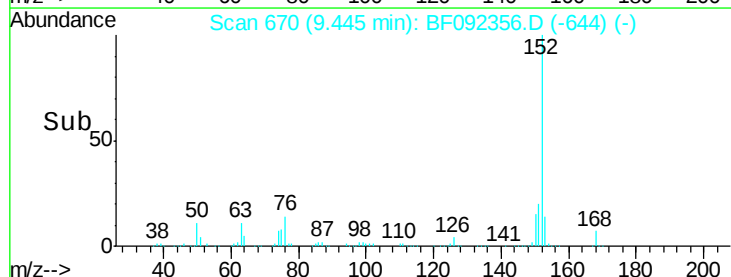
153 14.4 11.4 17.2

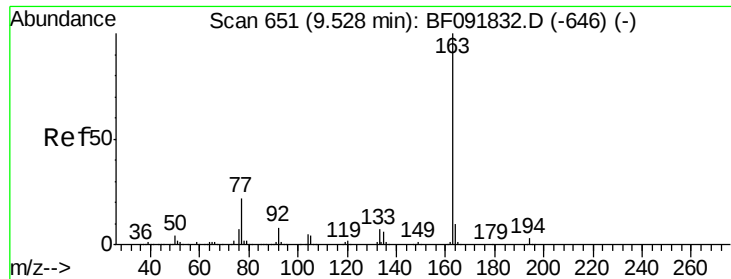


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

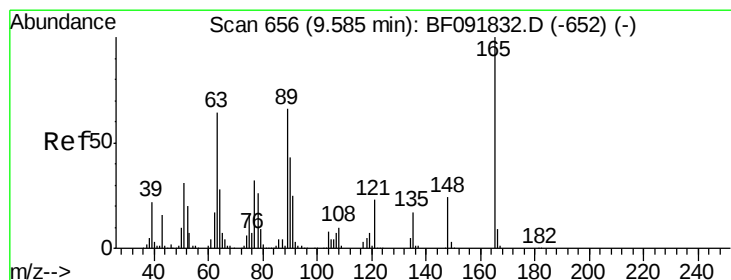
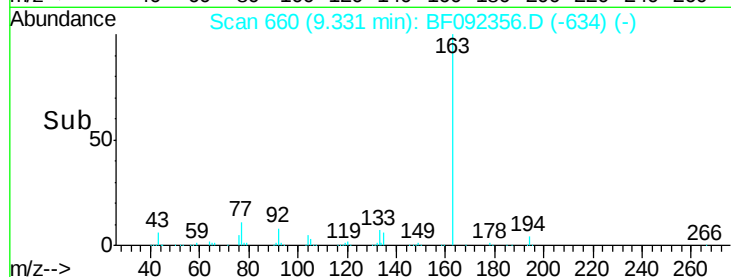
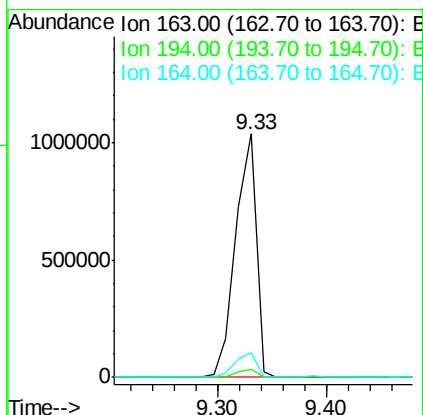
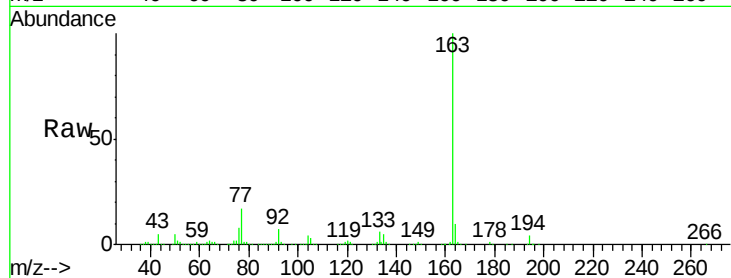




#49
Dimethylphthalate
Concen: 52.42 ng
RT: 9.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

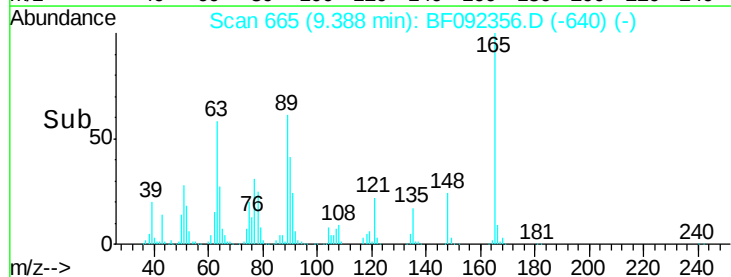
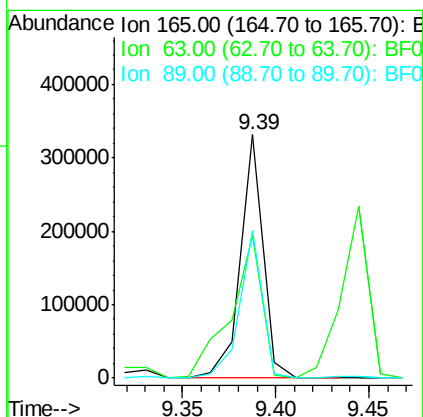
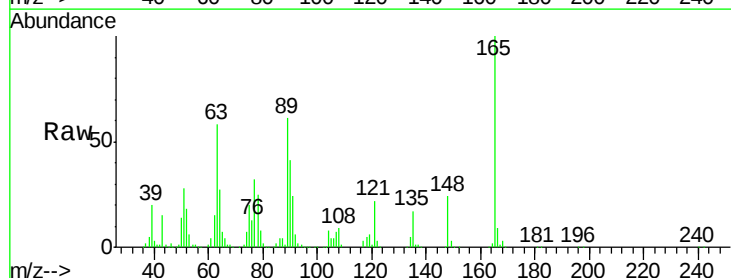
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

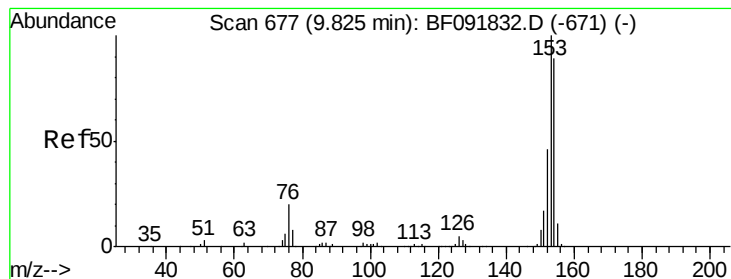
Tgt Ion:163 Resp: 1346351
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 50.17 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:165 Resp: 282048
Ion Ratio Lower Upper
165 100
63 58.3 36.2 54.4#
89 60.8 40.2 60.4#





#51

Acenaphthene

Concen: 48.61 ng

RT: 9.62 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

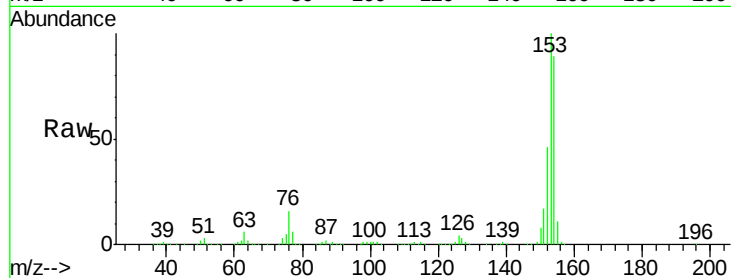
Tgt Ion:154 Resp: 1103629

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

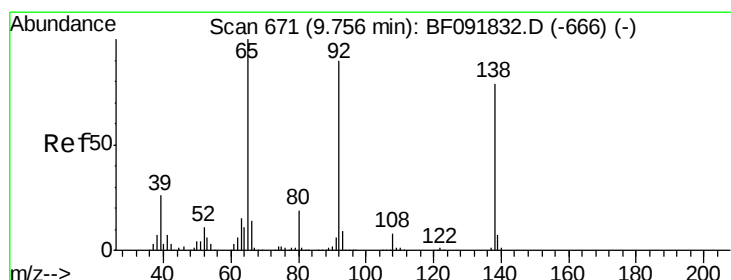
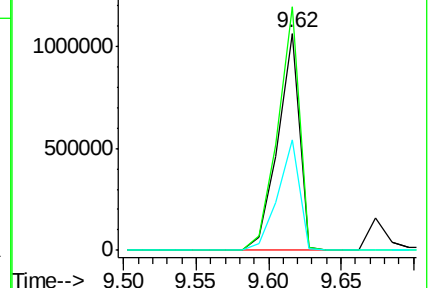
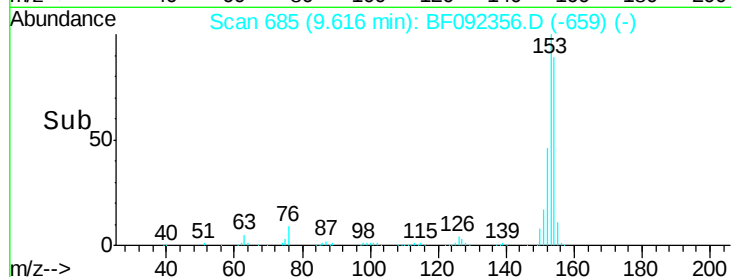
152 51.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.54 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

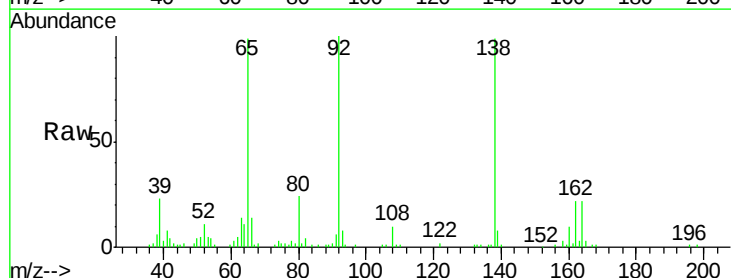
Tgt Ion:138 Resp: 73346

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

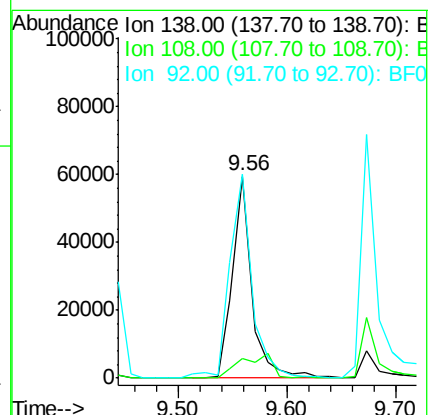
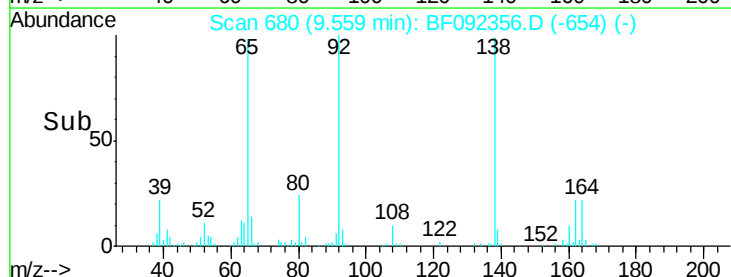
92 101.3 97.8 146.8

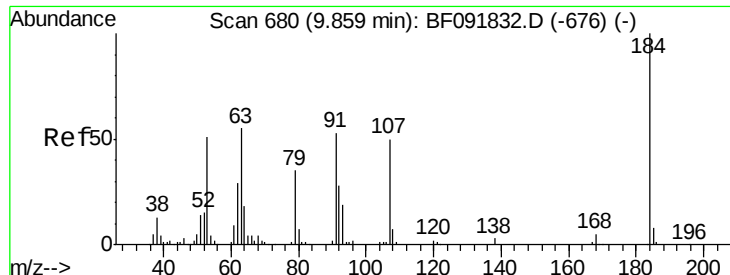


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

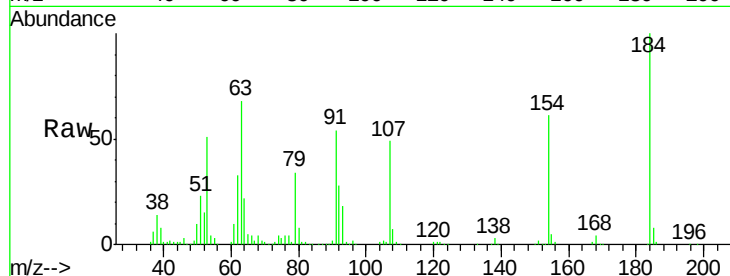




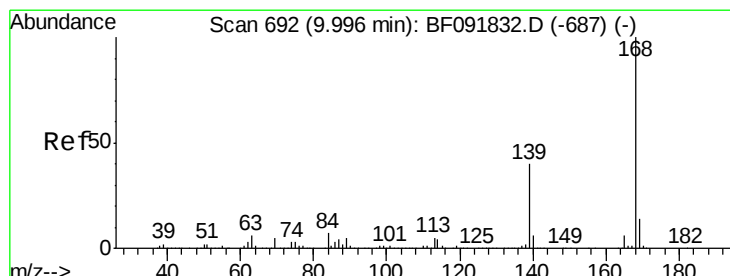
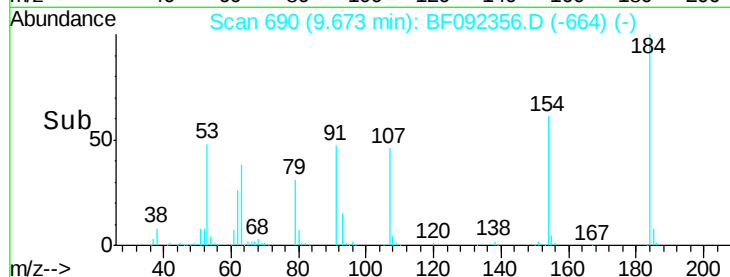
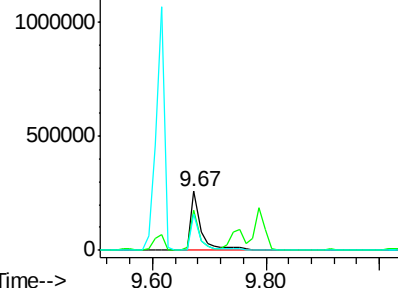
#53
2,4-Dinitrophenol
Concen: 101.68 ng
RT: 9.67 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:184 Resp: 318065
Ion Ratio Lower Upper
184 100
63 68.2 28.4 42.6#
154 60.9 44.3 66.5

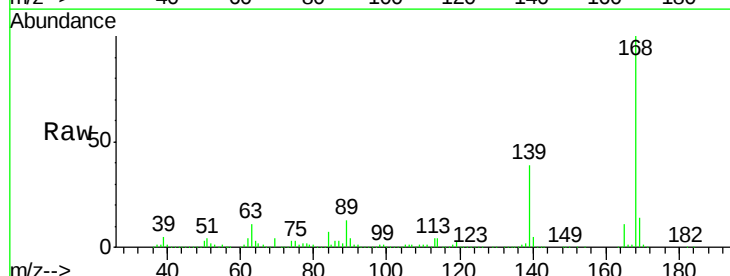


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

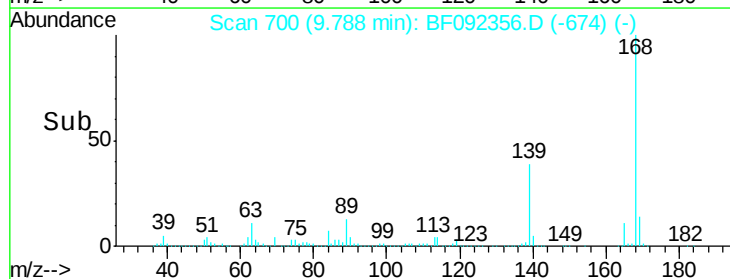
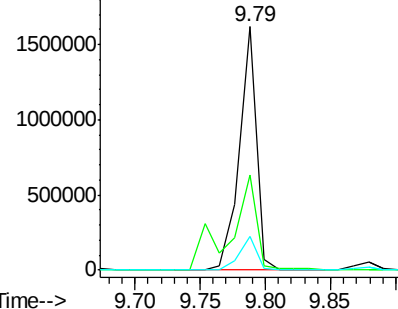


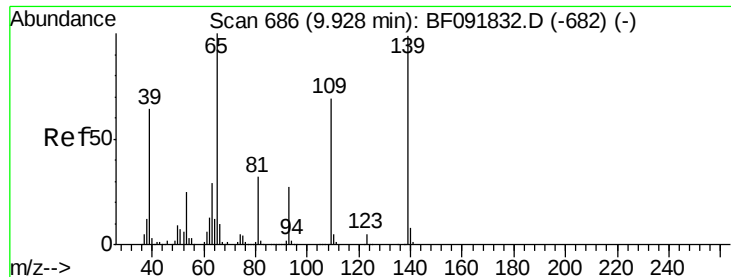
#54
Dibenzofuran
Concen: 48.23 ng
RT: 9.79 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:168 Resp: 1478939
Ion Ratio Lower Upper
168 100
139 39.0 32.6 49.0
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

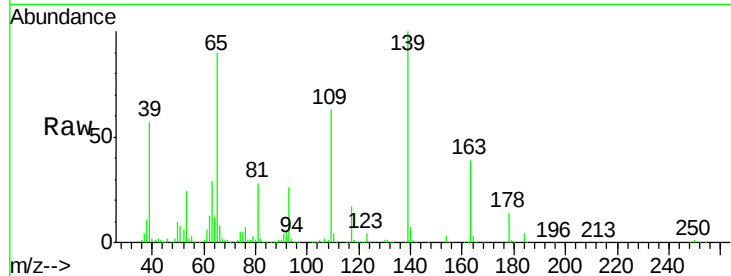




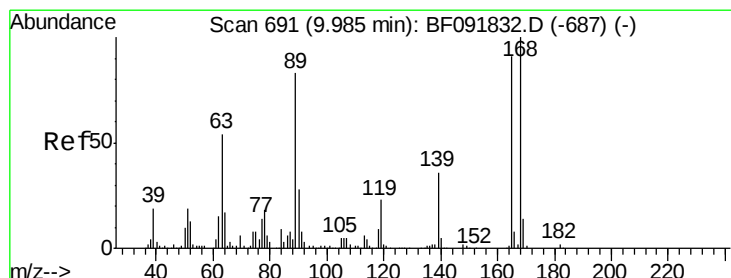
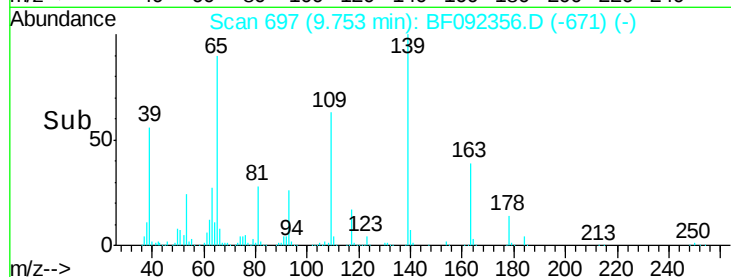
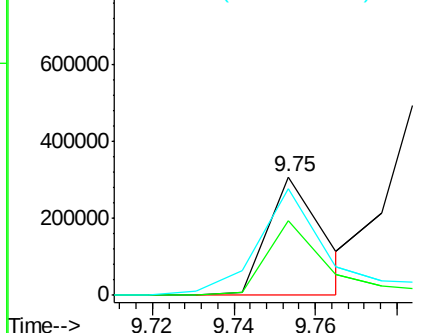
#55
4-Nitrophenol
Concen: 62.01 ng m
RT: 9.75 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:139 Resp: 292946
Ion Ratio Lower Upper
139 100
109 62.7 52.2 92.2
65 90.4 85.8 125.8

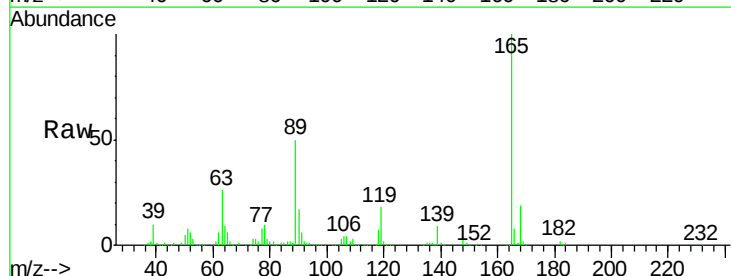


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

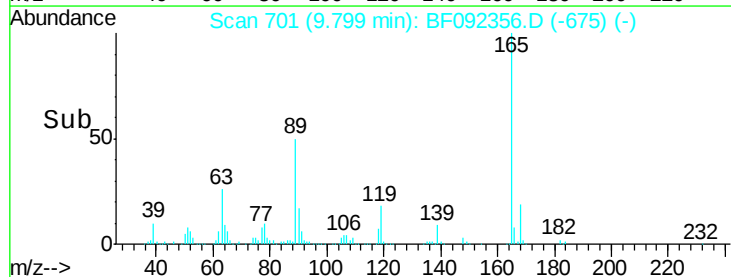
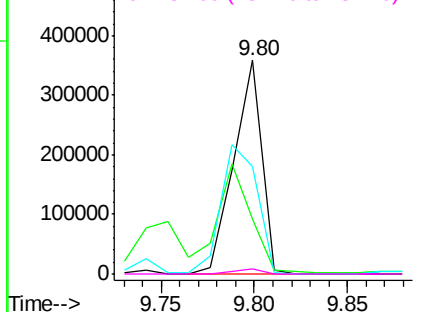


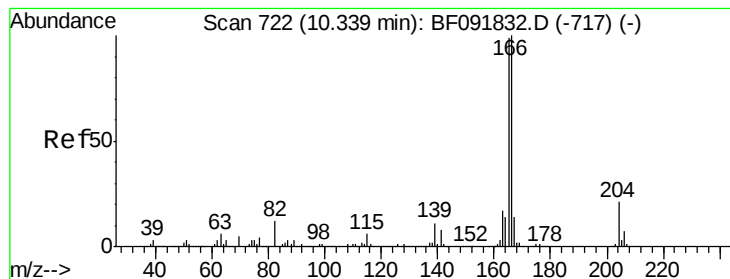
#56
2,4-Dinitrotoluene
Concen: 53.47 ng
RT: 9.80 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:165 Resp: 377323
Ion Ratio Lower Upper
165 100
63 25.8 40.2 60.4#
89 50.1 62.5 93.7#
182 2.3 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.95 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

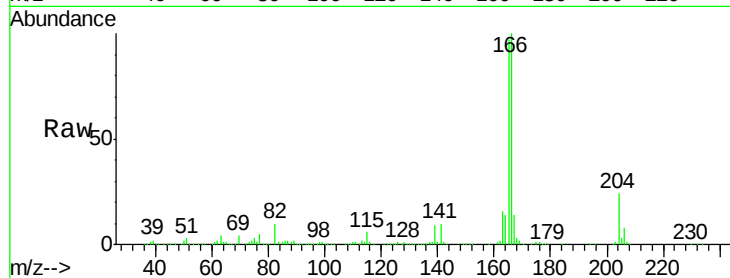
Tgt Ion:166 Resp: 1158811

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.8

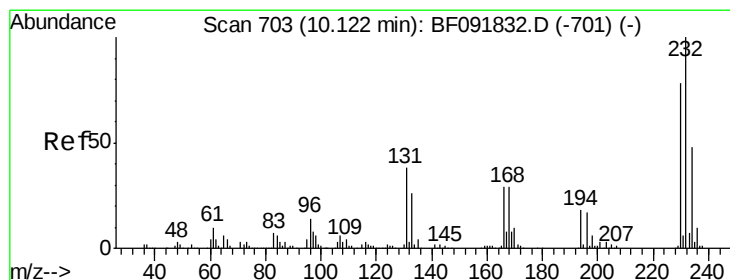
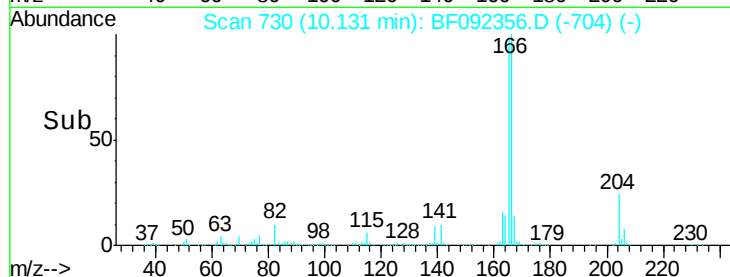
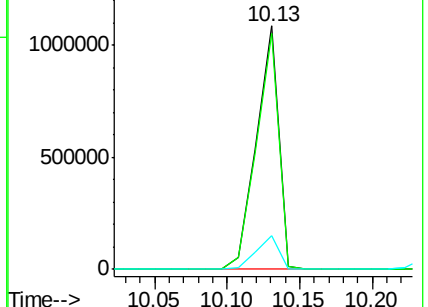
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.46 ng

RT: 9.91 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Tgt Ion:232 Resp: 285650

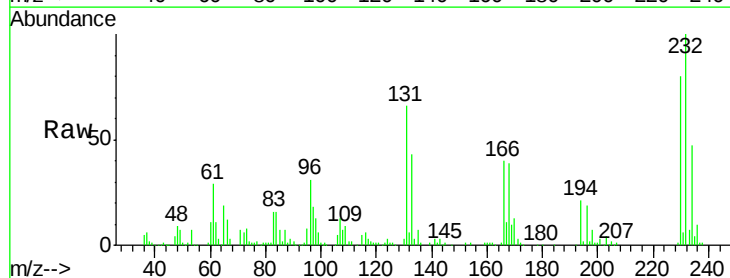
Ion Ratio Lower Upper

232 100

131 47.1 40.1 60.1

130 2.5 1.8 2.8

166 28.6 26.6 39.8

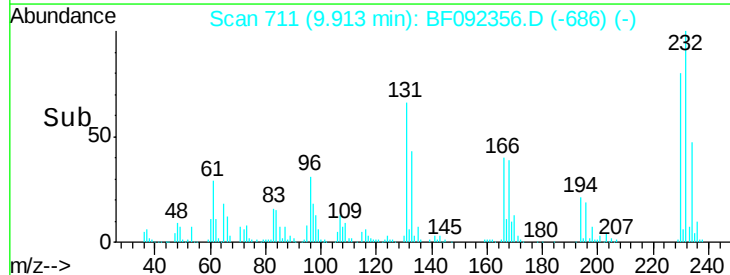
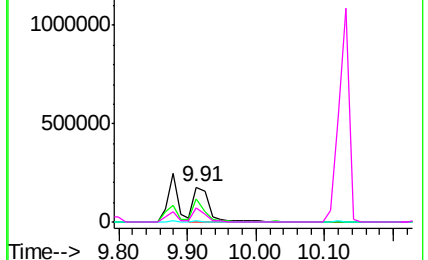


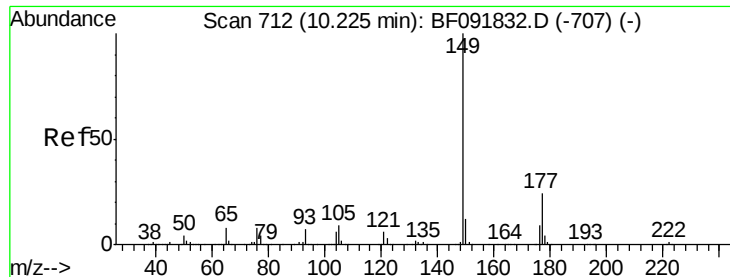
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

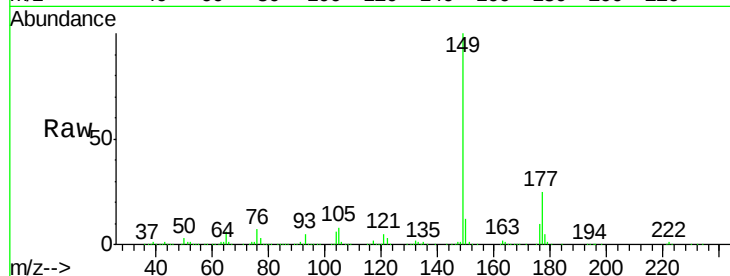




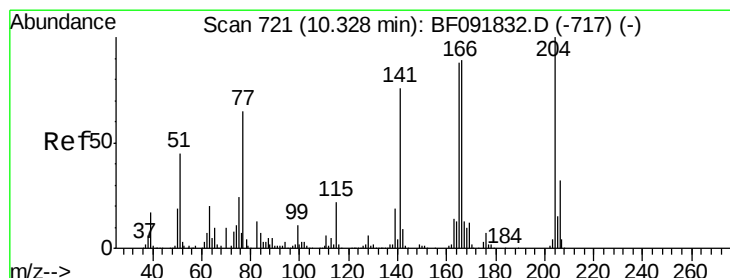
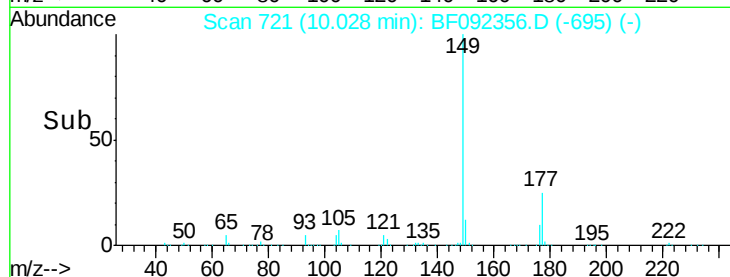
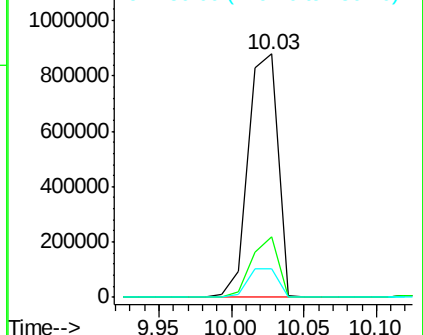
#59
Diethylphthalate
Concen: 50.04 ng
RT: 10.03 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:149 Resp: 1248157
Ion Ratio Lower Upper
149 100
177 24.8 16.6 25.0
150 11.9 10.4 15.6

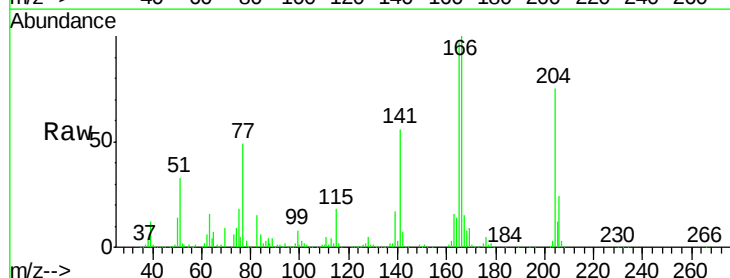


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

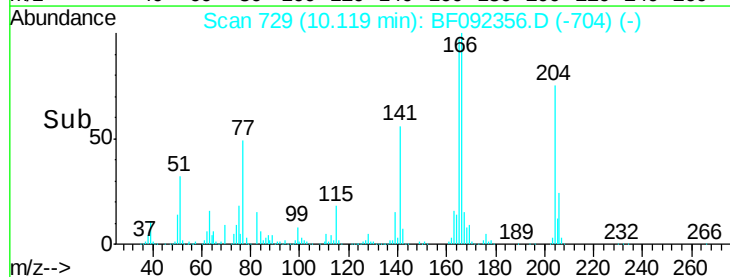
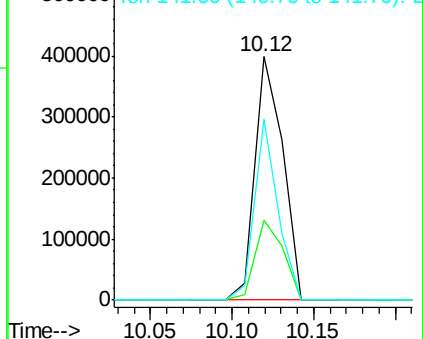


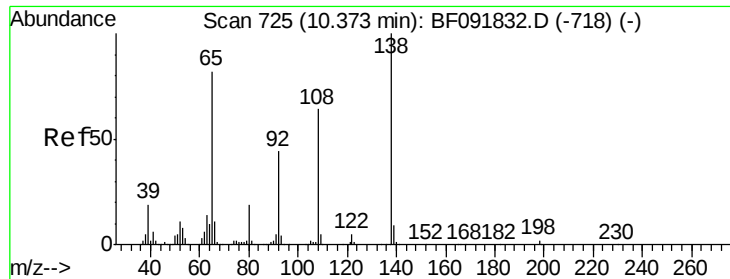
#60
4-Chlorophenyl-phenylether
Concen: 48.53 ng
RT: 10.12 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:204 Resp: 474023
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 74.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

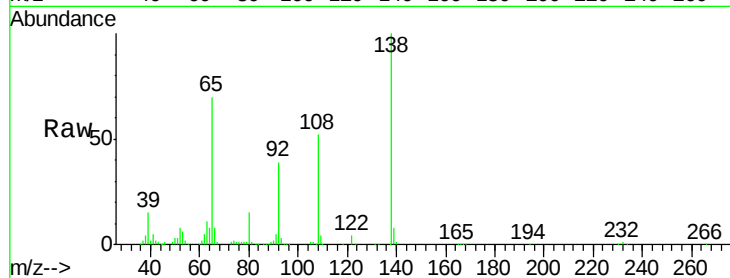




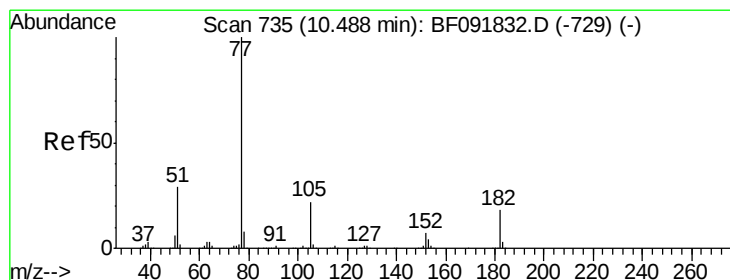
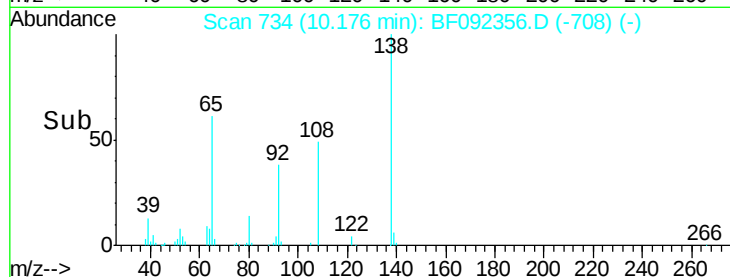
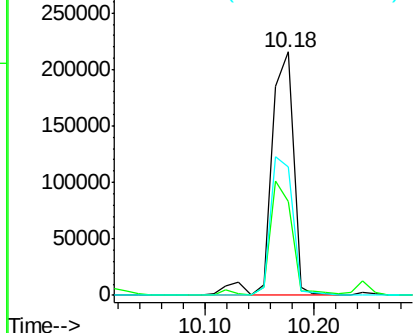
#61
4-Nitroaniline
Concen: 42.11 ng
RT: 10.18 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:138 Resp: 303612
Ion Ratio Lower Upper
138 100
92 38.6 31.7 71.7
108 52.5 52.6 92.6#

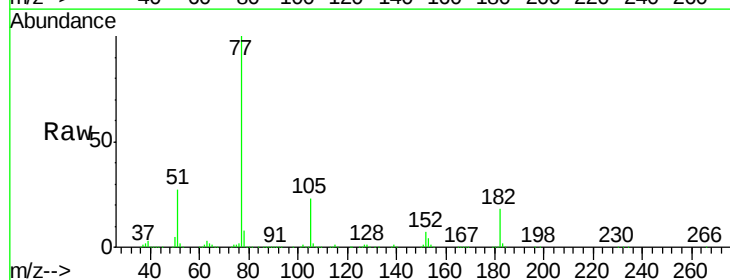


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

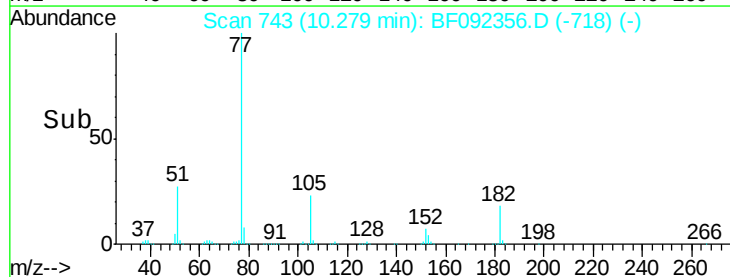
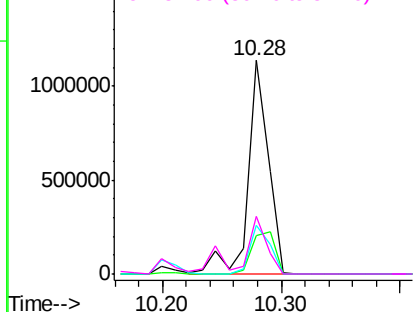


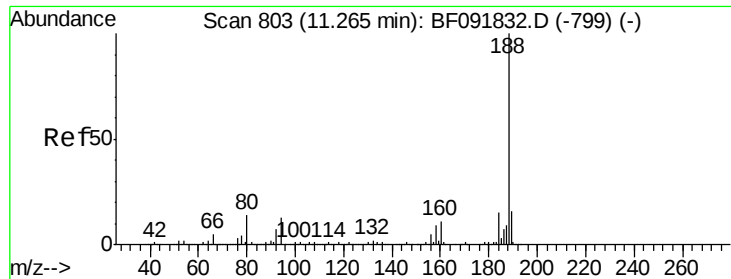
#62
Azobenzene
Concen: 49.80 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion: 77 Resp: 1367683
Ion Ratio Lower Upper
77 100
182 17.9 0.0 39.3
105 22.9 2.3 42.3
51 27.2 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

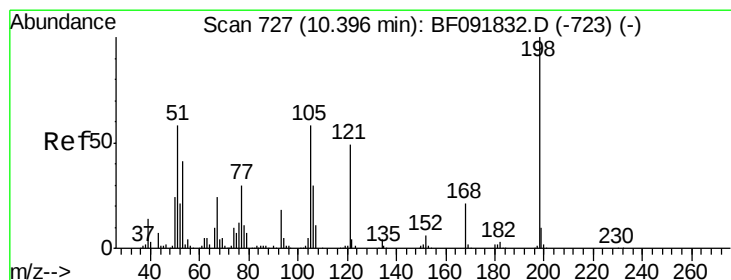
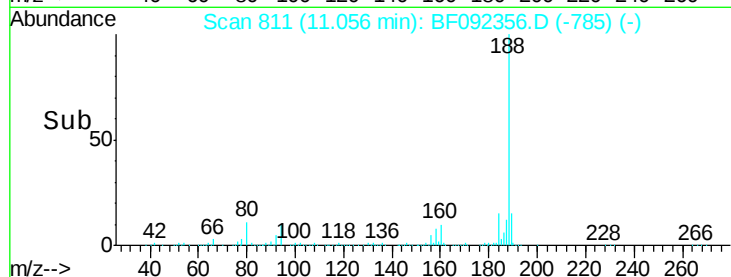
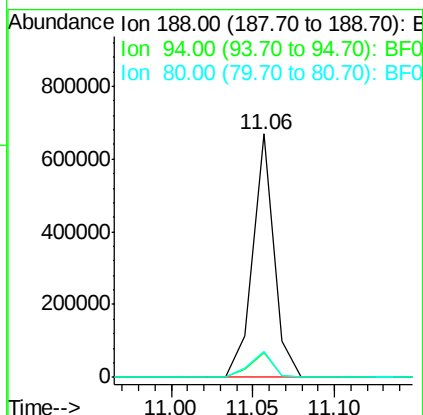
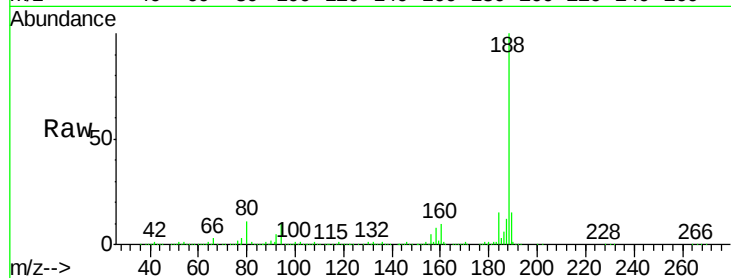




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

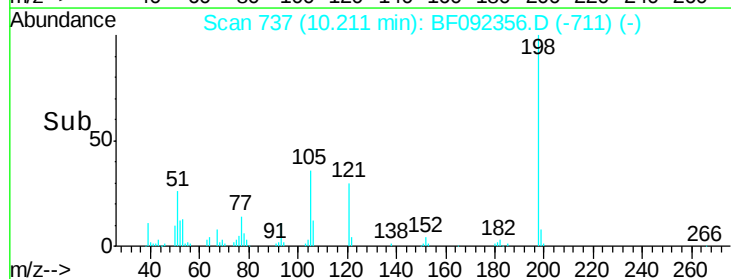
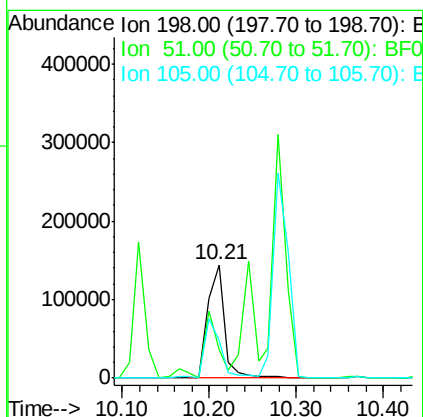
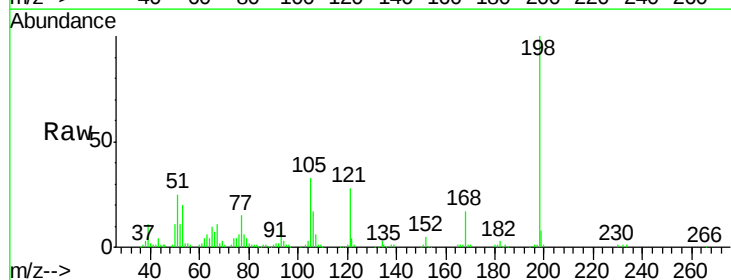
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

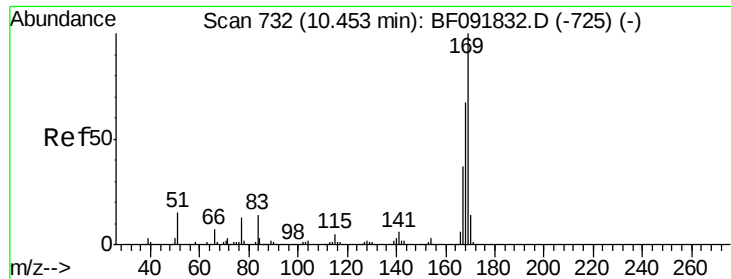
Tgt Ion:188 Resp: 607544
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 10.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 53.86 ng
RT: 10.21 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:198 Resp: 197862
Ion Ratio Lower Upper
198 100
51 24.8 6.7 46.7
105 32.9 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 53.98 ng

RT: 10.24 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

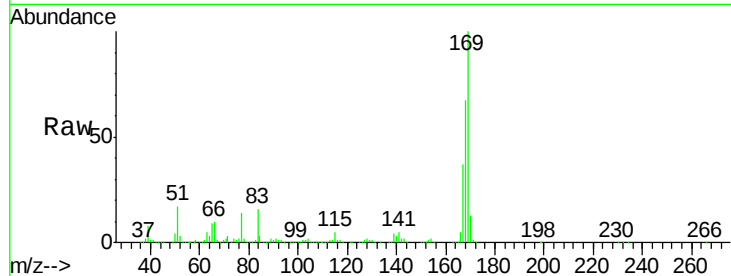
Tgt Ion:169 Resp: 973198

Ion Ratio Lower Upper

169 100

168 66.6 54.2 81.2

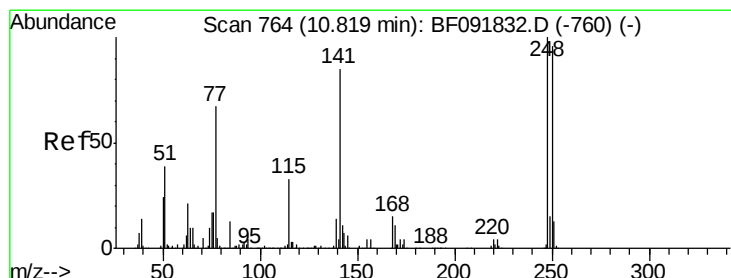
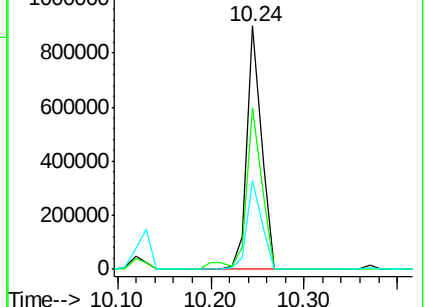
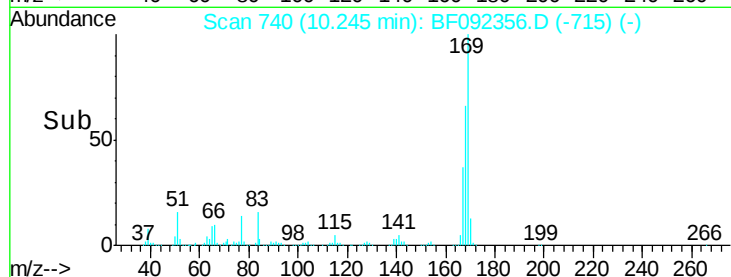
167 36.7 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 55.01 ng

RT: 10.61 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

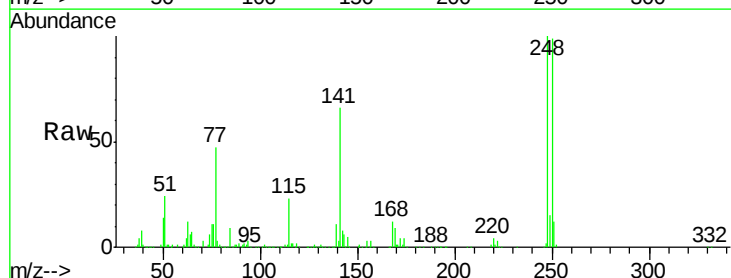
Tgt Ion:248 Resp: 347651

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

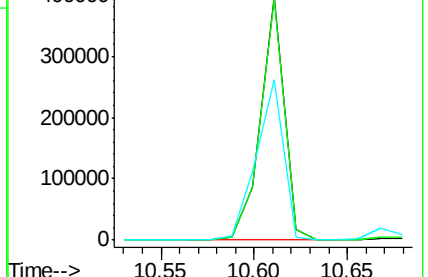
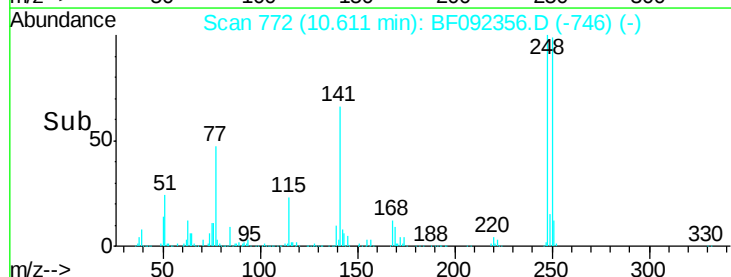
141 66.0 68.2 102.4#

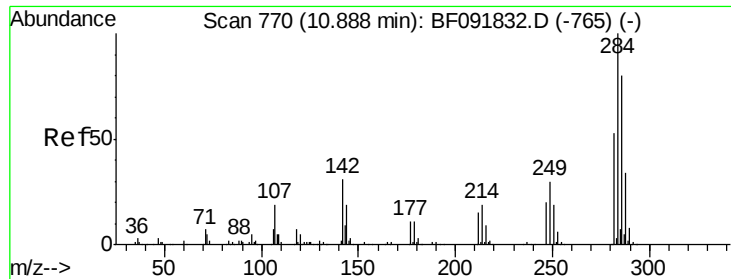


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.26 ng

RT: 10.68 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

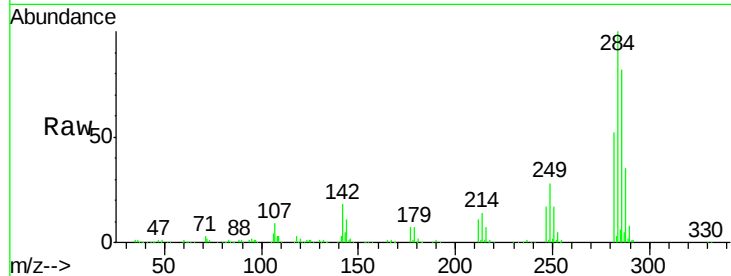
Tgt Ion:284 Resp: 353042

Ion Ratio Lower Upper

284 100

142 18.2 22.6 33.8#

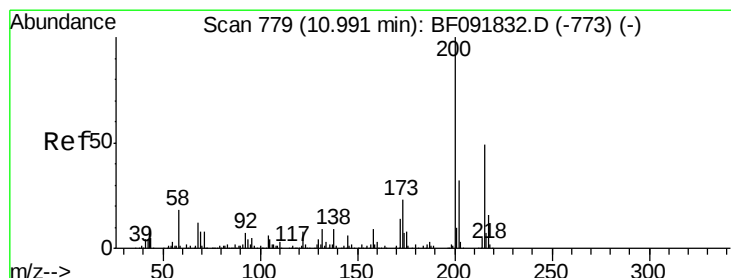
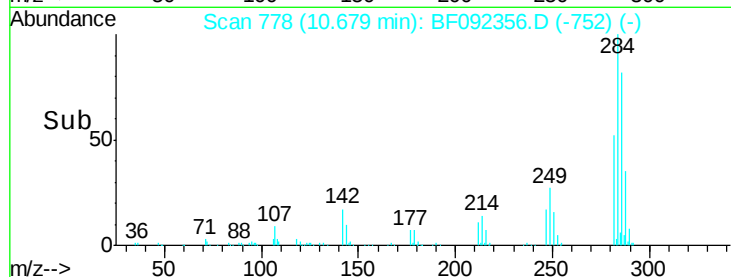
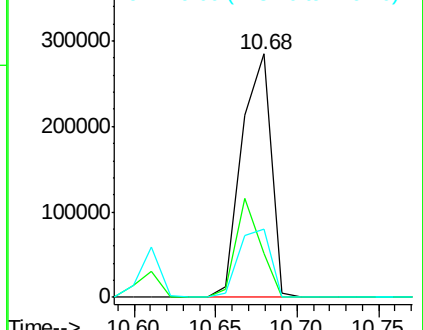
249 27.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.34 ng

RT: 10.78 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

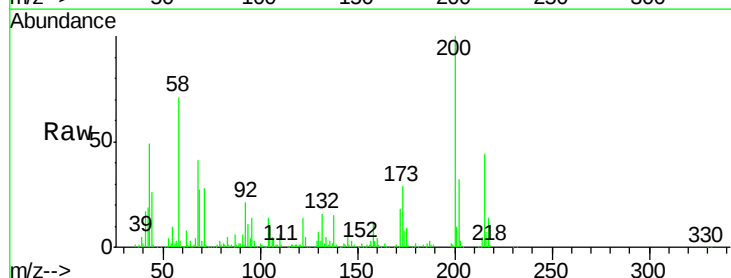
Tgt Ion:200 Resp: 281097

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

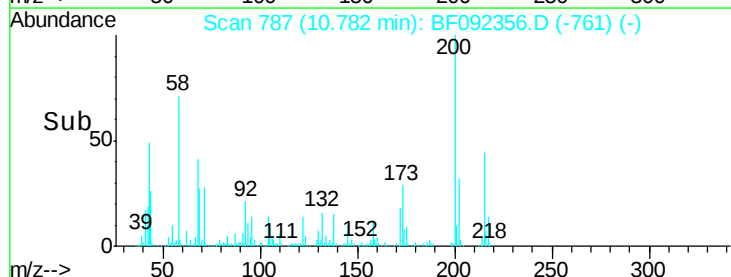
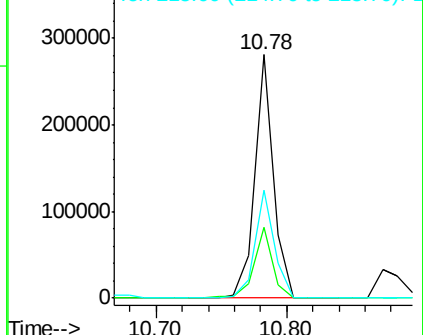
215 44.5 25.7 65.7

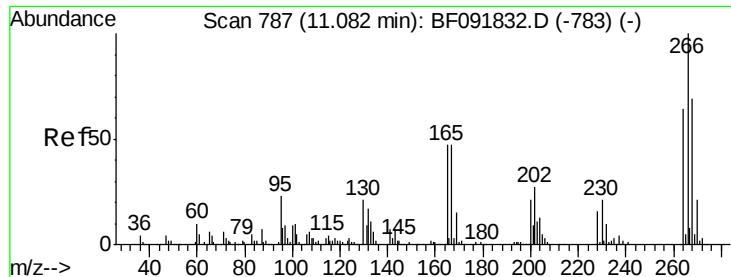


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

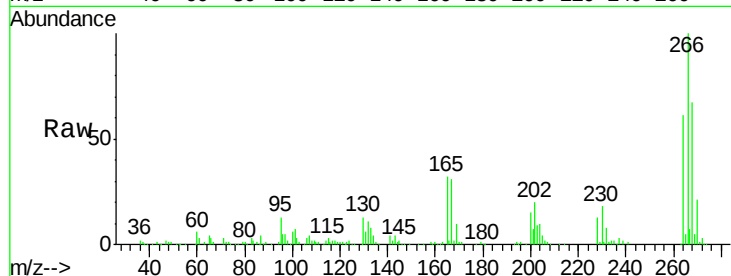




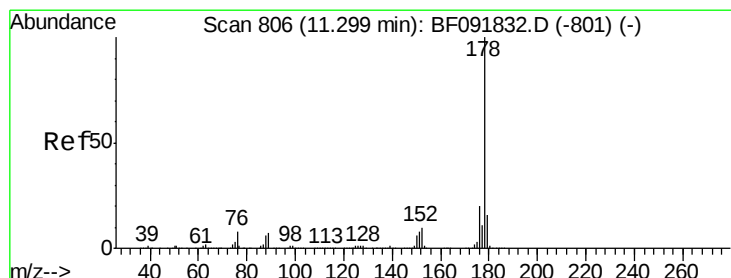
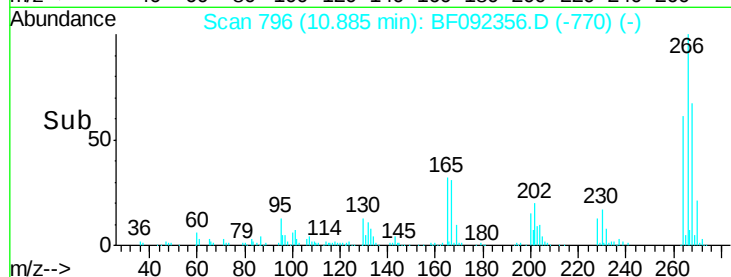
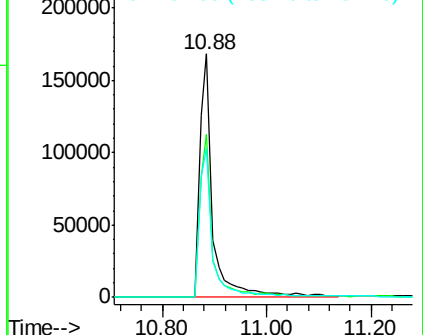
#69
 Pentachlorophenol
 Concen: 88.76 ng
 RT: 10.88 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion: 266 Resp: 294205
 Ion Ratio Lower Upper
 266 100
 268 66.8 53.3 79.9
 264 60.9 50.3 75.5

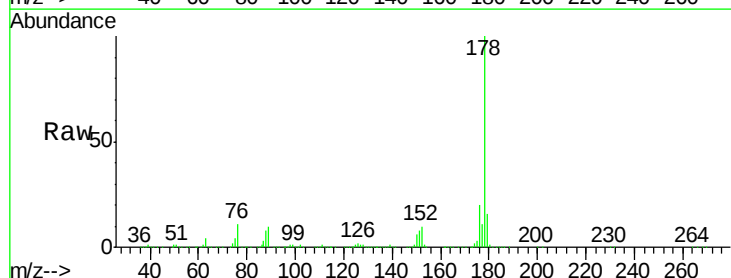


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

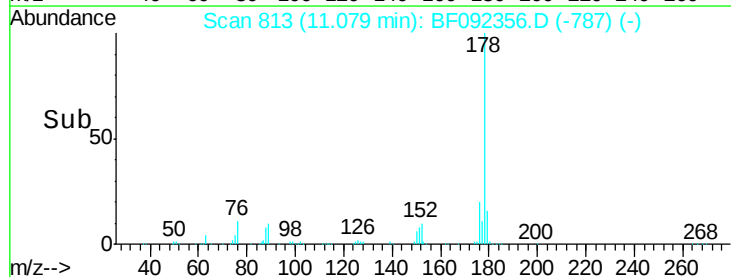
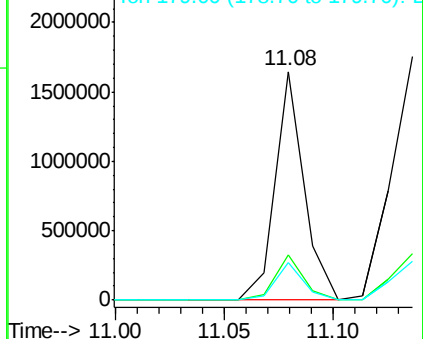


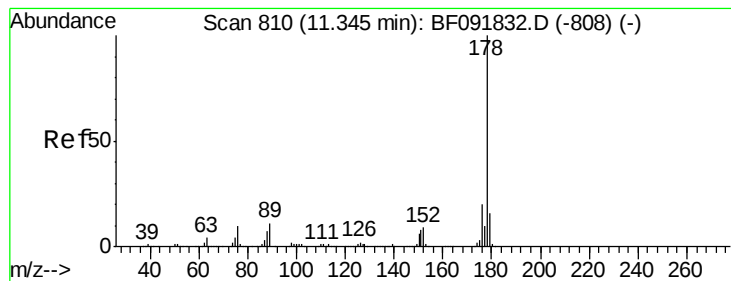
#70
 Phenanthrene
 Concen: 46.65 ng
 RT: 11.08 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion: 178 Resp: 1536755
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: Below Cal

RT: 11.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

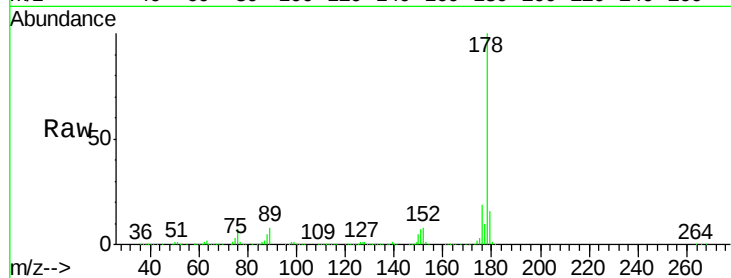
Tgt Ion:178 Resp: 1806266

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

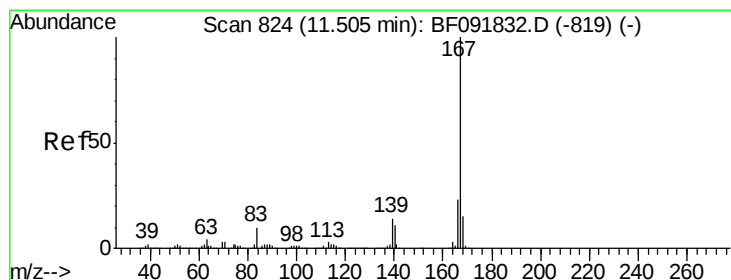
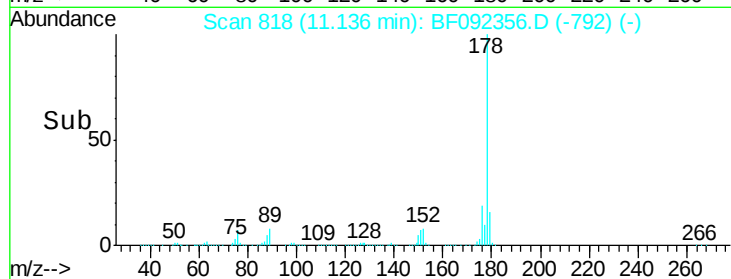
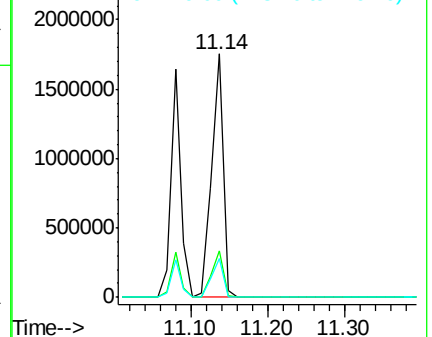
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: Below Cal

RT: 11.30 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

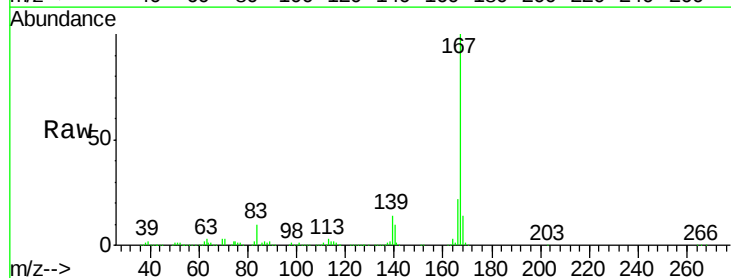
Tgt Ion:167 Resp: 1484498

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

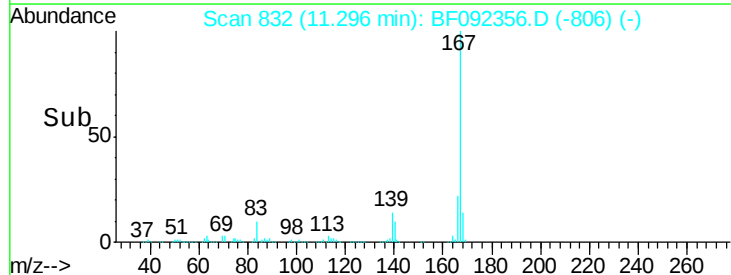
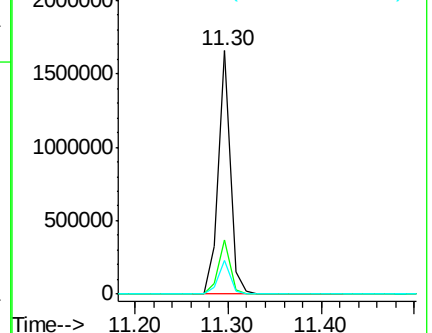
139 14.1 11.4 17.2

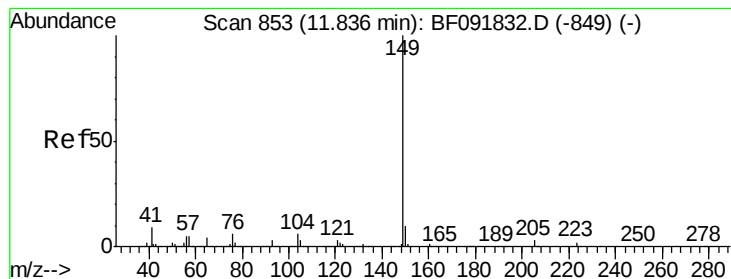


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 67.42 ng

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

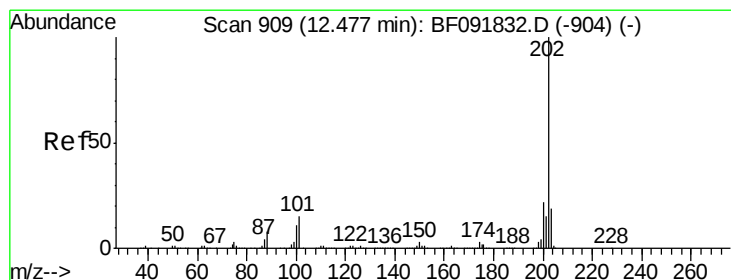
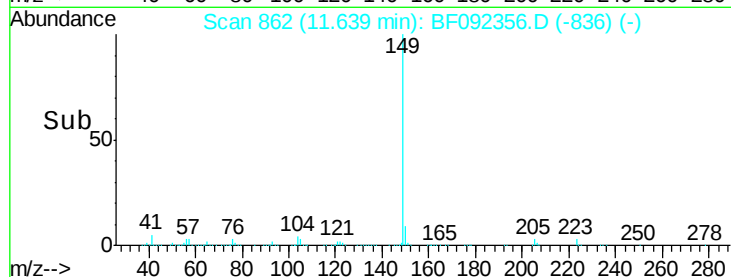
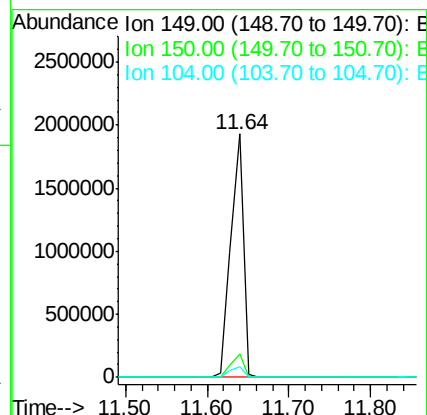
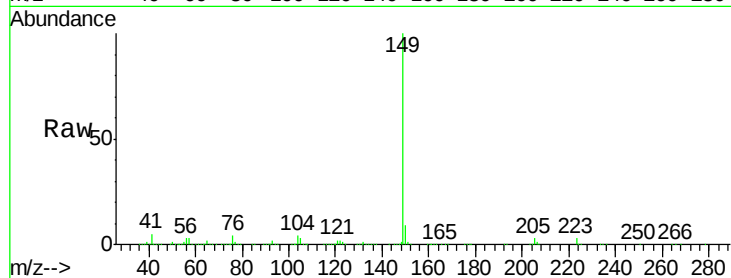
Tgt Ion:149 Resp: 2040763

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

104 4.3 4.6 7.0#



#74

Fluoranthene

Concen: 55.32 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

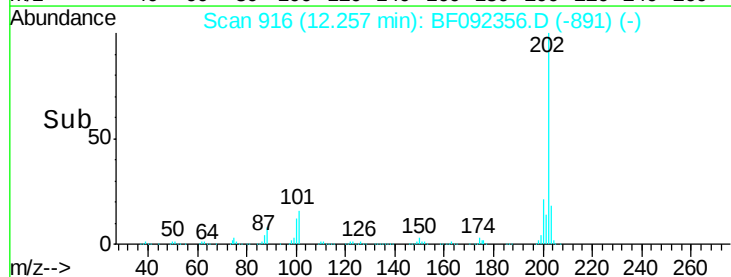
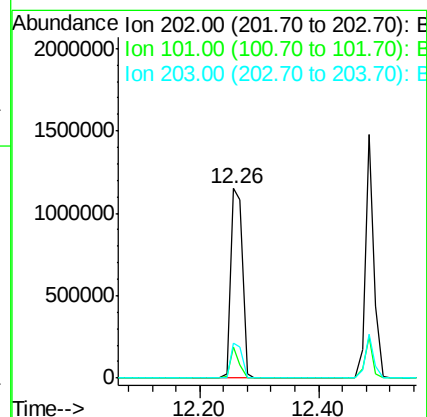
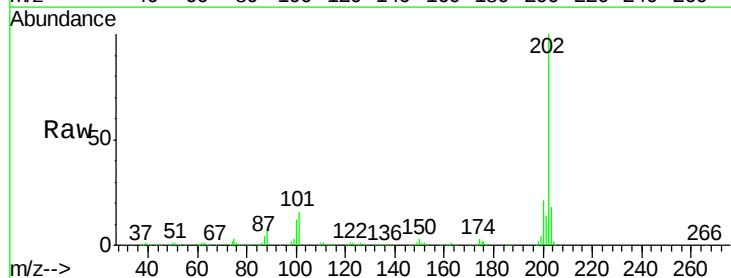
Tgt Ion:202 Resp: 1573622

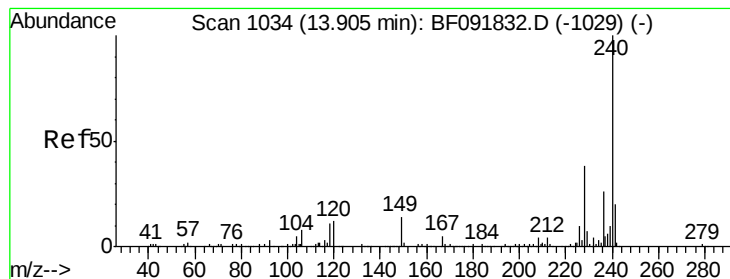
Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.6

203 18.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

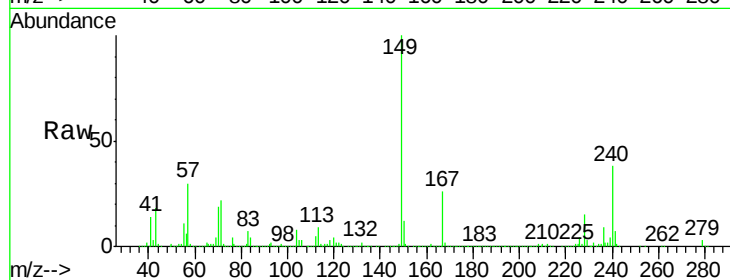
Tgt Ion:240 Resp: 342836

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

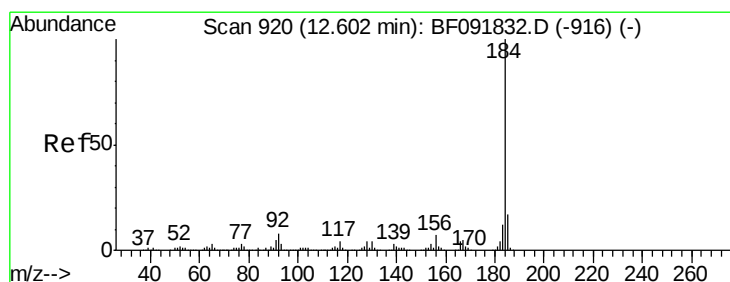
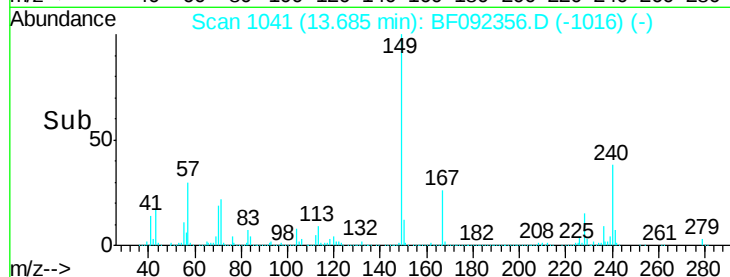
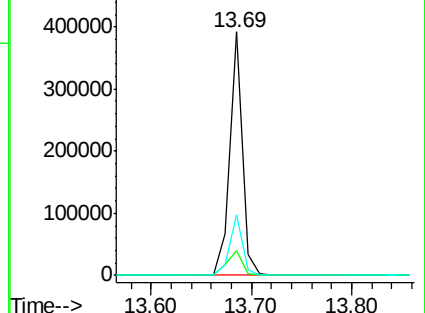
236 24.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.16 ng

RT: 12.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

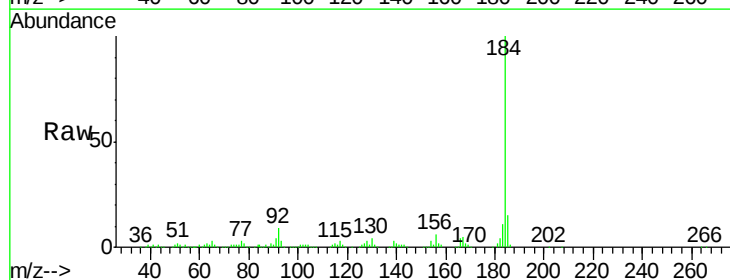
Tgt Ion:184 Resp: 230597

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

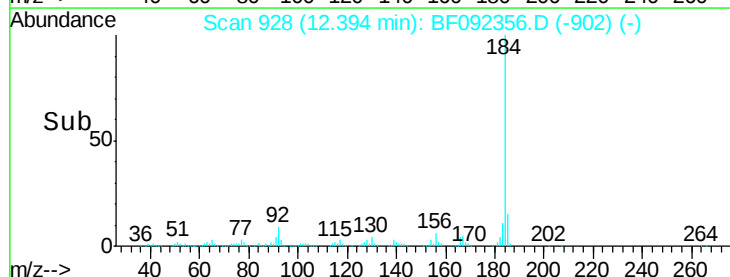
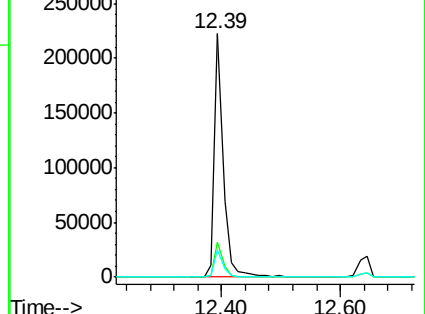
183 11.1 9.2 13.8

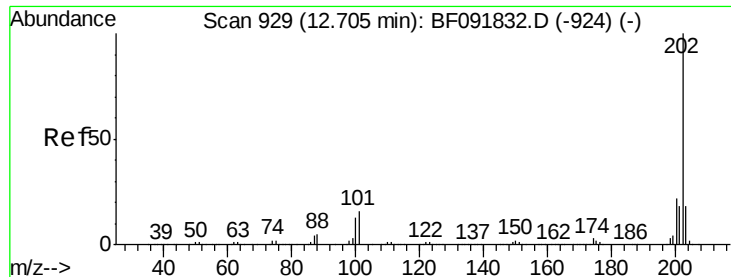


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

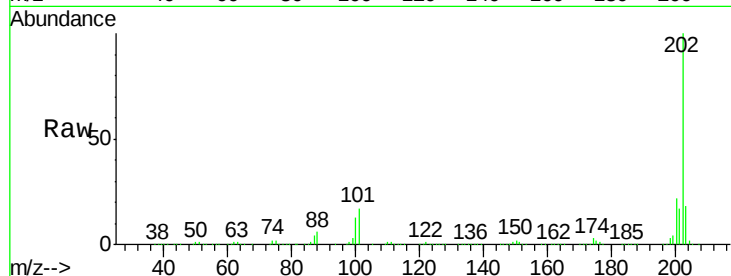




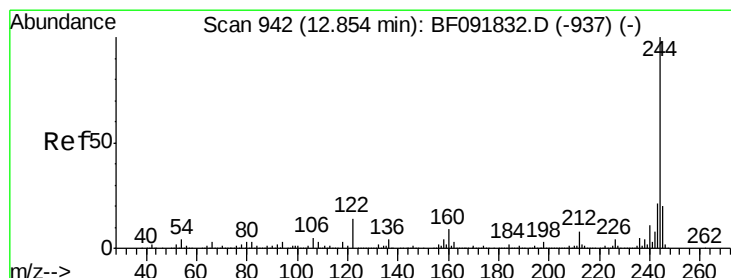
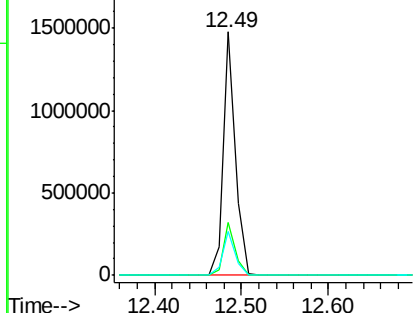
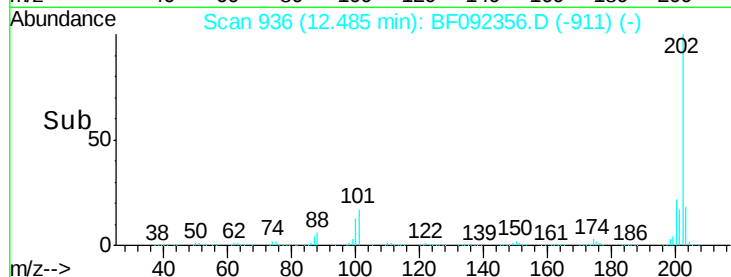
#77
 Pyrene
 Concen: 57.49 ng
 RT: 12.49 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion: 202 Resp: 1445983
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 18.3 14.7 22.1

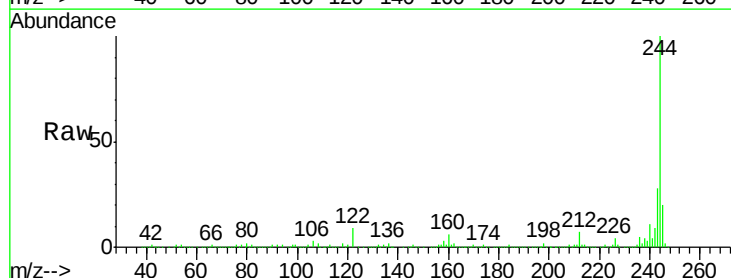


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

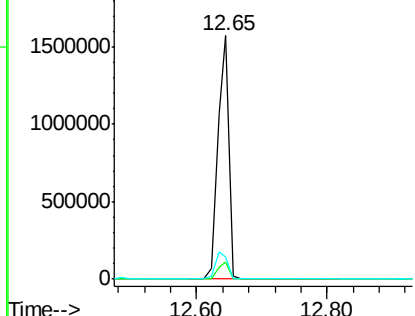
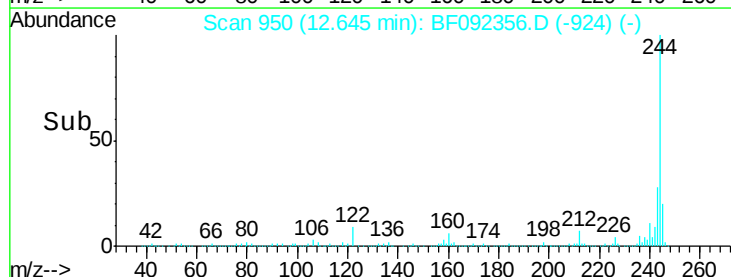


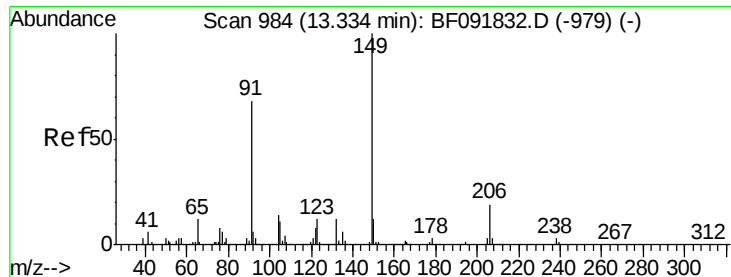
#78
 Terphenyl-d14
 Concen: 133.24 ng
 RT: 12.65 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion: 244 Resp: 1883438
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 9.4 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

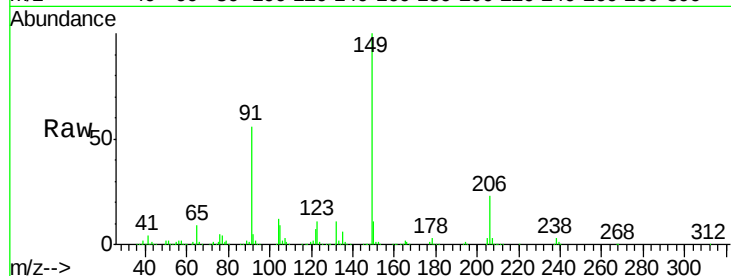




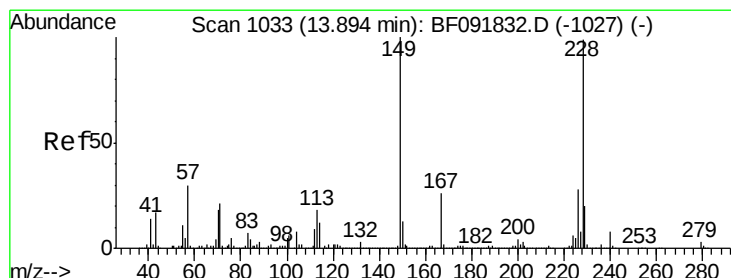
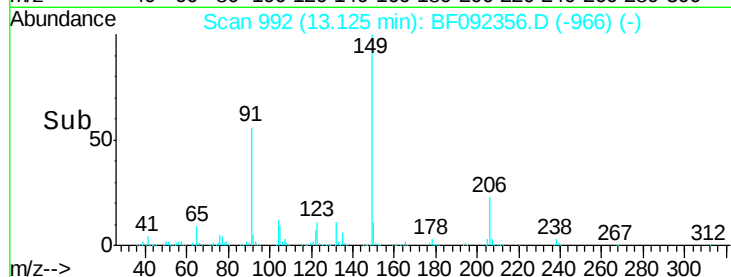
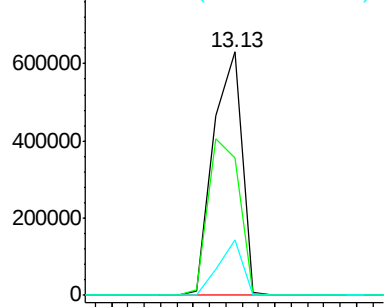
#79
Butylbenzylphthalate
Concen: 66.93 ng
RT: 13.13 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:149 Resp: 765710
Ion Ratio Lower Upper
149 100
91 56.4 63.9 95.9#
206 22.6 14.6 21.8#

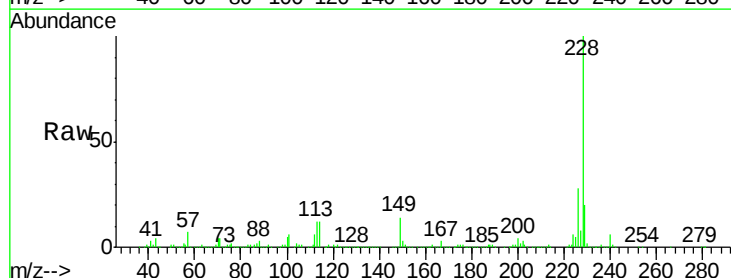


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

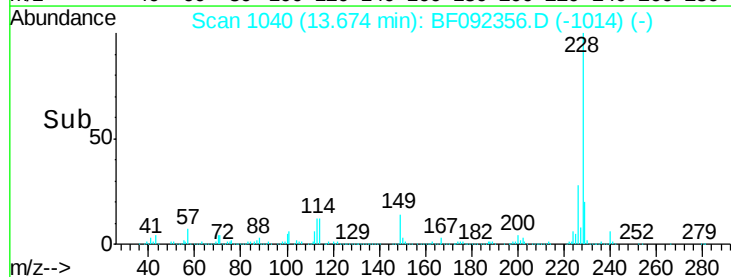
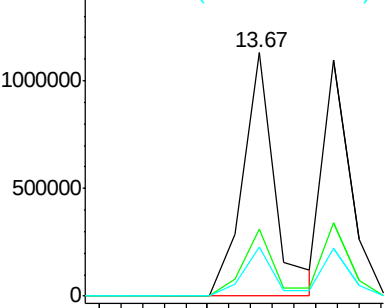


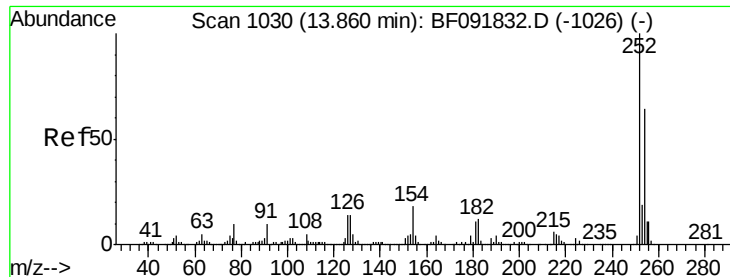
#80
Benzo(a)anthracene
Concen: 60.15 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:228 Resp: 1164072
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

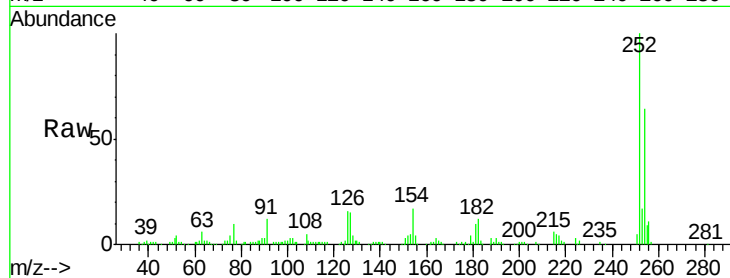




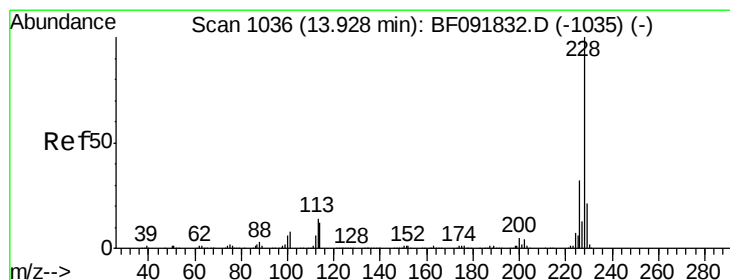
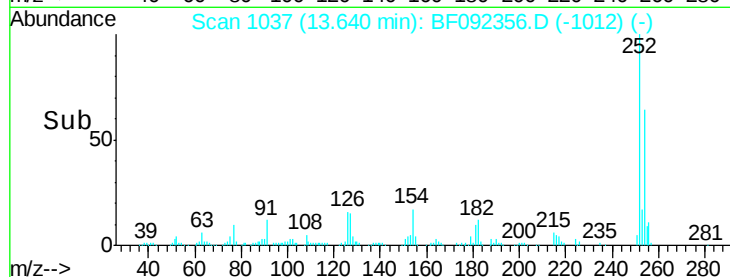
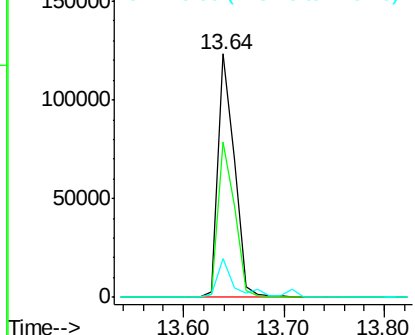
#81
 3,3'-Dichlorobenzidine
 Concen: 19.18 ng
 RT: 13.64 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion: 252 Resp: 140745
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.3 78.5
 126 15.9 13.6 20.4

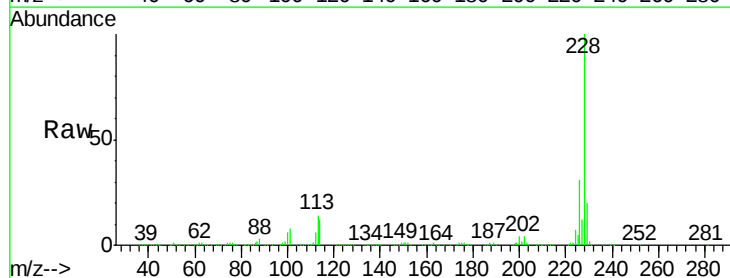


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

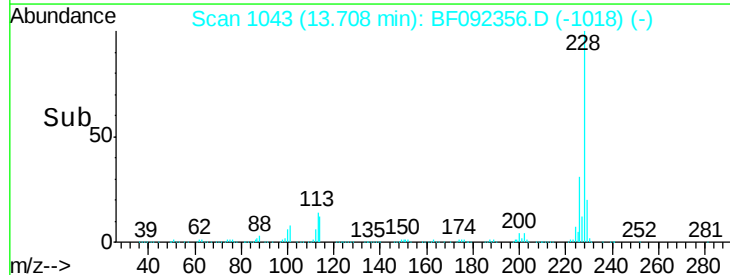
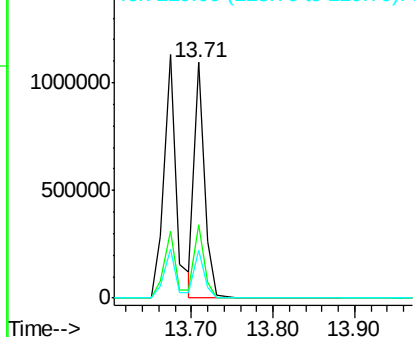


#82
 Chrysene
 Concen: 49.10 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion: 228 Resp: 953201
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

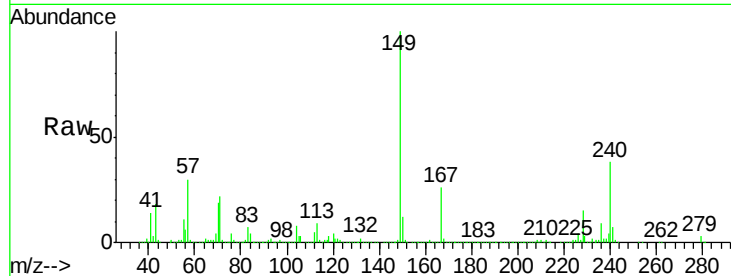




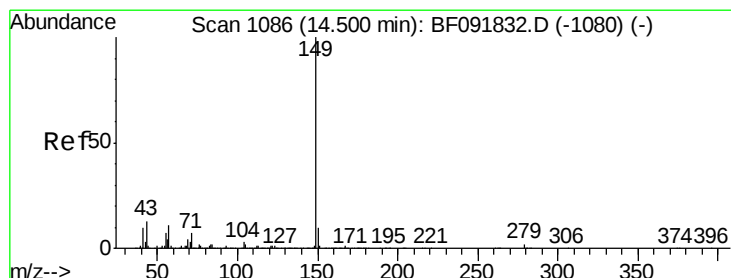
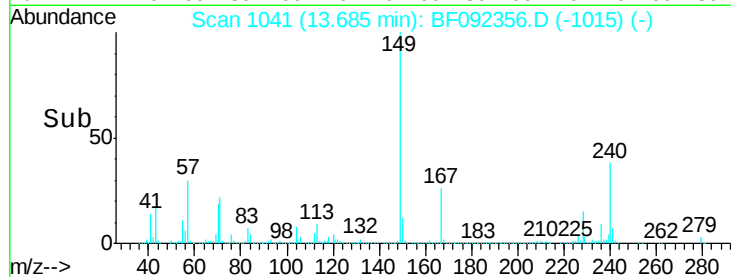
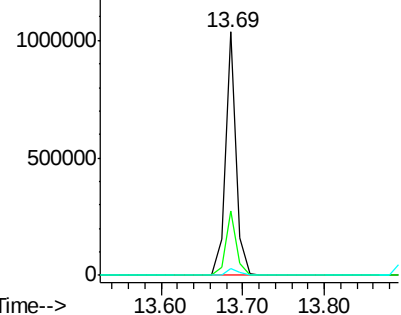
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 69.41 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:149 Resp: 935200
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 2.7 1.8 2.8

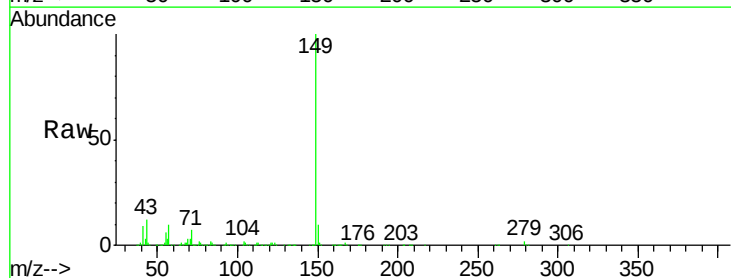


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

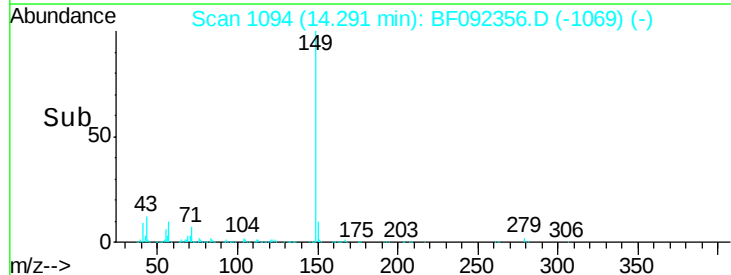
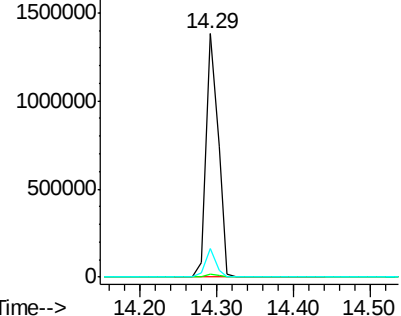


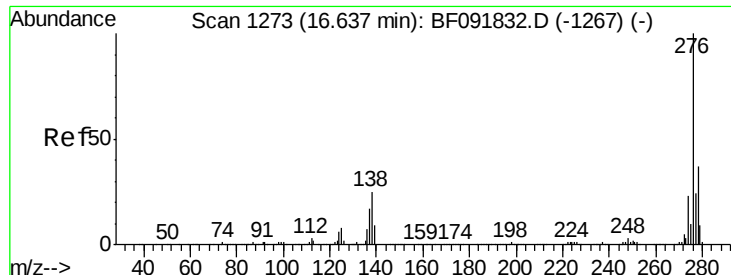
#84
 Di-n-octyl phthalate
 Concen: 61.60 ng
 RT: 14.29 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion:149 Resp: 1537336
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.1 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



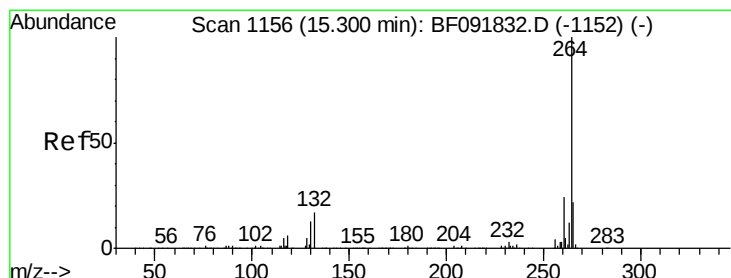
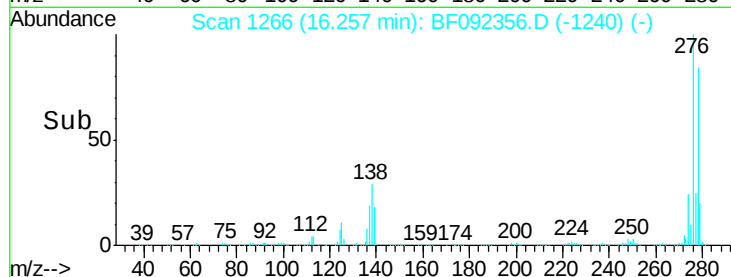
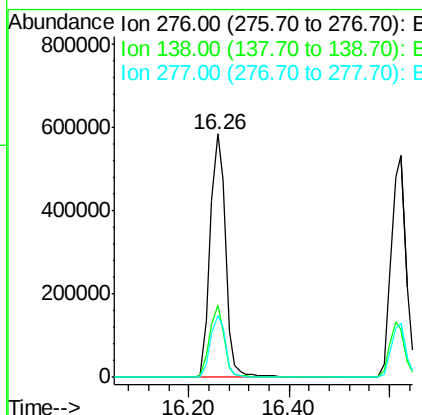
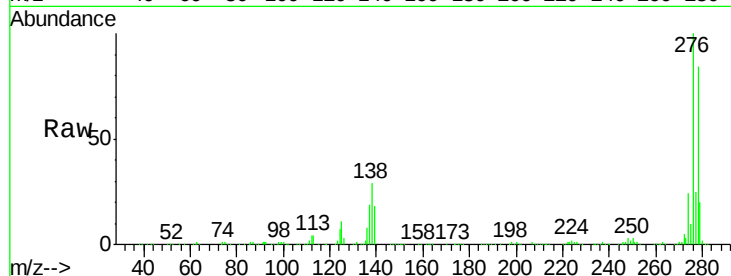


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 74.15 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion: 276 Resp: 1246887

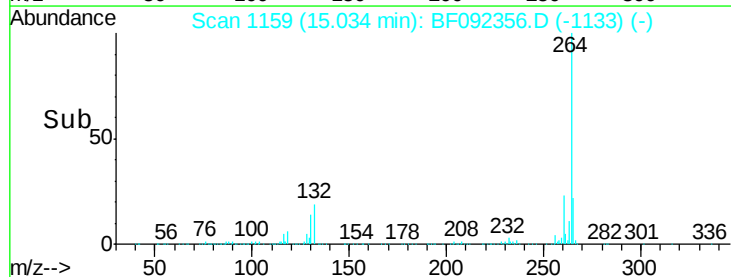
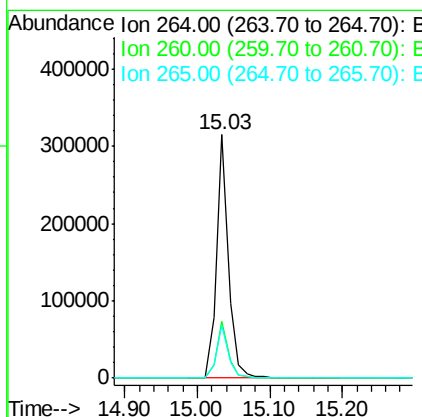
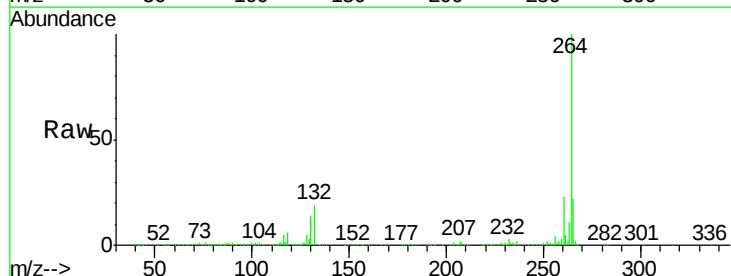
Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.8	32.6
277	25.0	20.2	30.4

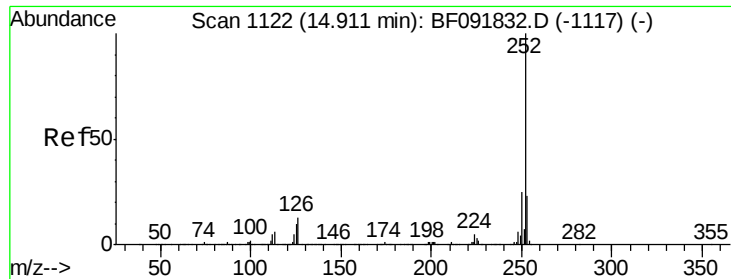


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF092356.D
 Acq: 18 Jan 2017 17:35

Tgt Ion: 264 Resp: 357320

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.4	26.0

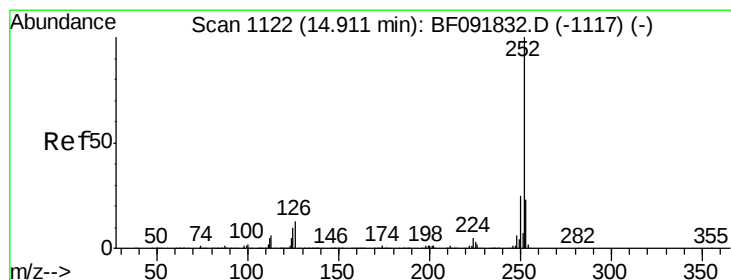
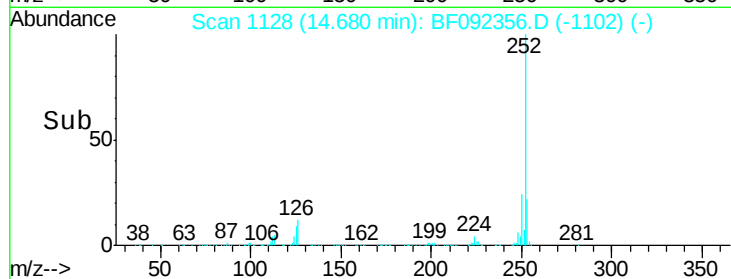
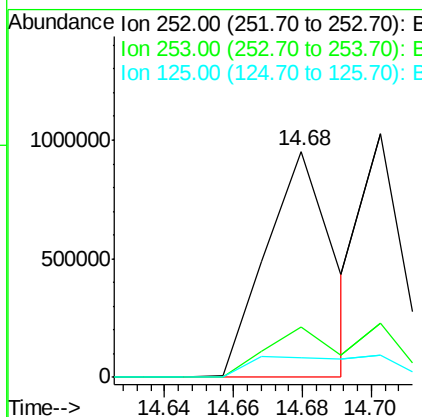
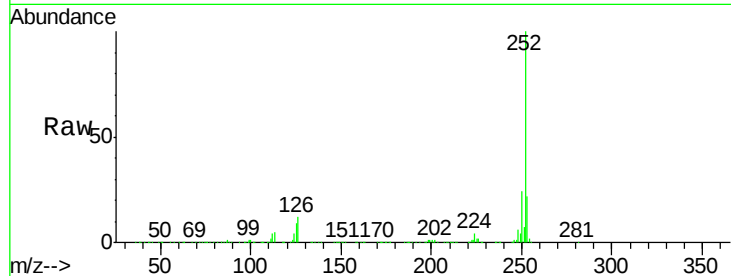




#87
Benzo(b)fluoranthene
Concen: 57.96 ng m
RT: 14.68 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

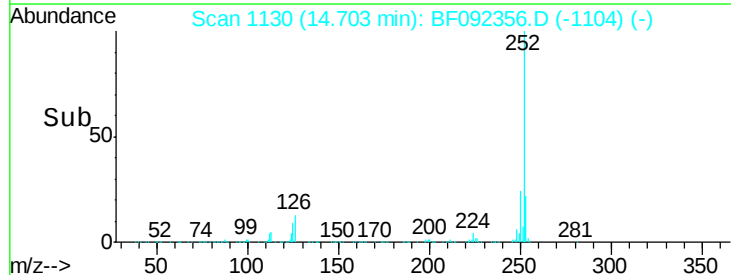
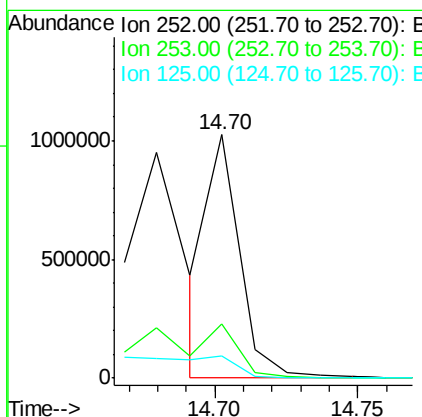
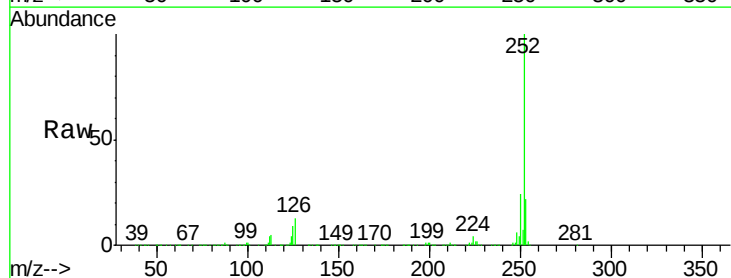
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

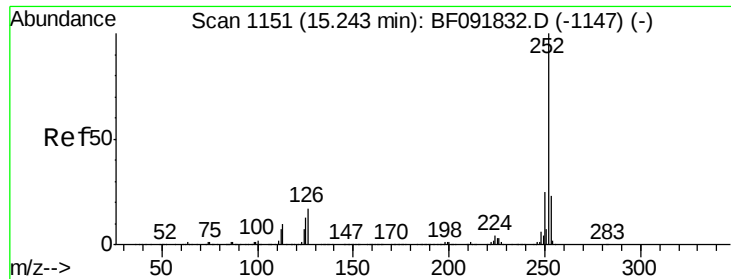
Tgt Ion:252 Resp: 1289312
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 8.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 42.86 ng m
RT: 14.70 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092356.D
Acq: 18 Jan 2017 17:35

Tgt Ion:252 Resp: 813135
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 8.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 52.26 ng

RT: 14.99 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

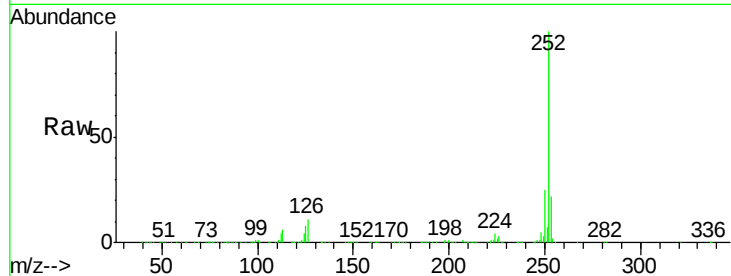
Tgt Ion:252 Resp: 1031826

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

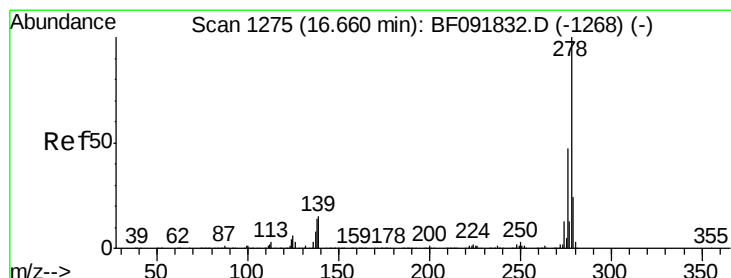
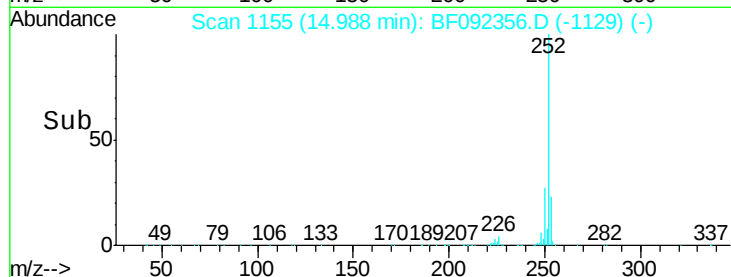
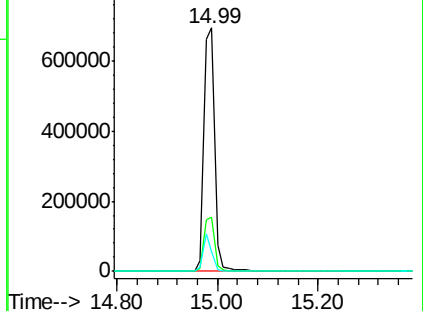
125 8.3 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 62.66 ng

RT: 16.27 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

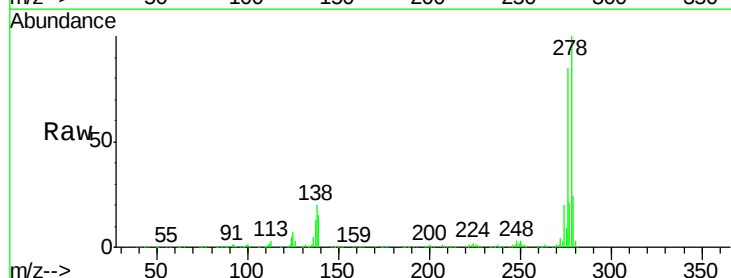
Tgt Ion:278 Resp: 1016913

Ion Ratio Lower Upper

278 100

139 14.5 14.8 22.2#

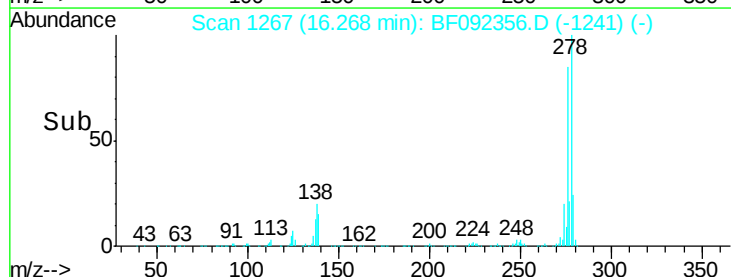
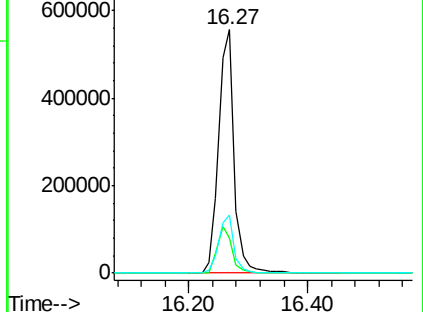
279 24.0 19.8 29.6

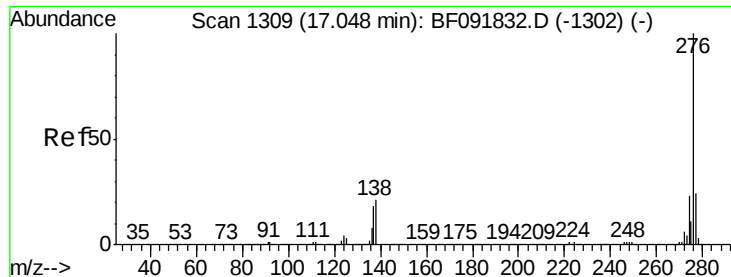


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 66.84 ng

RT: 16.62 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF092356.D

Acq: 18 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

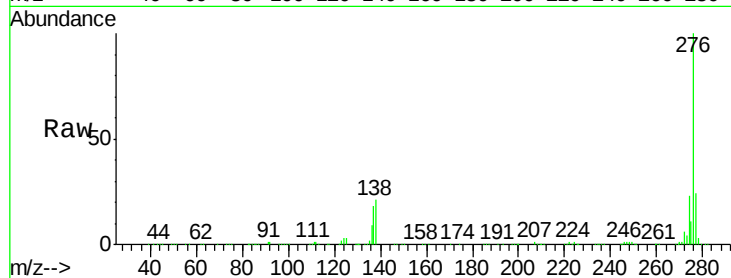
Tgt Ion: 276 Resp: 1127976

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 21.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

